Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Volume 130 DECEMBER 28, 1936 Number 26

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In the course of this development, much valuable information and experience have been gained. Success in such a program has depended as much upon a mastery of the raw material requirements of the chemical and process industries as upon a detailed knowledge of the properties and technology of the products themselves.

This knowledge of chemicals, both as finished products of its work and as raw materials for its customers, has been an important contribution by Carbide and Carbon Chemicals Corporation to the development of many industrial applications. Such experience serves as a guarantee of the excellence of the products it sells and of the accuracy of its recommendations for their use.

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Ethanol
Isopropanol
Butyl Alcohol (Normal)
Hexanol (Normal)
Methyl Amyl Alcohol
Ethyl Butyl Alcohol
Octyl Alcohol

GLYCOLS
Ethylene Glycol
Propylene Glycol
Diethylene Glycol
Triethylene Glycol

ALCOHOL-ETHERS
Methyl Cellosolve
Cellosolve*
Butyl Cellosolve
Methyl Carbitol
Carbitol*
Butyl Carbitol

ETHERS AND OXIDES
Ethyl Ether
Isopropyl Ether
Dioxan
Dichlorethyl Ether
Chlorex*
Ethylene Oxide
Carboxide*
Propylene Oxide

ALDEHYDES
Butyraldehyde
Crotonaldehyde
Octyl Aldehyde

KETONES
Acetone
Methyl Acetone
Methyl Isobutyl Ketone
Methyl Amyl Ketone

ACIDS AND ANHYDRIDES
Acetic Anhydride
Butyric Acid
Butyric Anhydride

ESTERS
Methyl Acetate
Ethyl Acetate
Isopropyl Acetate
Butyl Acetate (Normal)
Methyl Amyl Acetate
Octyl Acetate
2-Ethyl Butyl Acetate
Methyl Cellosolve Acetate
Cellosolve Acetate
Carbitol Acetate
Diethyl Sulphate
Ethyl Acetoacetate
Methyl Acetoacetate
Dimethyl Phthalate
Dibutyl Phthalate
Ethyl Silicate

CHLORINATED COMPOUNDS
Ethylene Dichloride
Propylene Dichloride
Trichlorethylene
Chlorasol
Ethylene Chlorhydrin
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Volume 130 DECEMBER 28, 1936 Number 26

Industrial Council Plans Legislation

Proposal of Permanent Body for Economic Planning to Be Made in H. R. 1

WASHINGTON, Dec. 23, 1936.

Four separate legislative proposals probably will be laid before President Roosevelt as the final recommendations of the Council for Industrial Progress, it was indicated today by George L. Berry, coordinator for industrial cooperation.

The program today was carefully gone over by the correlating committee set up following the council's sessions ten days ago, meeting jointly with a group of legal advisers. Siegfried Hartman, New York lawyer, who was chairman of the meeting, stated that the correlating committee had found in the recommendations of the eight standing committees of the council some overlapping but no actual inconsistencies. He said the council program in general substance had met with agreement of all present. Following the meeting, the legal advisory committee was charged with putting the views of the council members into concrete form for submission as recommended legislation to the President and to Congress.

The committee decided that a separate proposal would be drafted to cover the recommendations involved in the committee report on government aid to small enterprises. Another proposal will aim to effectuate the recommendations of the committee on internal and external competition as particularly involved in the tariff question.

The committee on national industrial policy has recommended formation of a permanent national economic council with equal representation of management and labor, appointed by the President with the consent of Congress, to study the flow of national income and make long range plans to stabilize prosperity and avoid recurrence of business depressions. A separate legislative draft will embody this recommendation.

In connection with this proposal, John Morin, of Pennsylvania, member of the United States Compensation Commission, appeared before the correlating committee today to describe a bill now before Congress, number one on the house calendar, which is an employment stabilization bill drafted by the Fraternal Order of Eagles, and introduced by Representative Louis Ludlow, Democrat, of Indiana. This bill makes a recommendation for a permanent body similar to that advocated by the

(Continued on page 29)

Alcohol Tax Upheld In Kentucky Appeal

Ethyl alcohol, that has not actually been rendered unfit for use for beverage purposes, is subject to the Kentucky tax of $1.04 per gallon on alcoholic spirits, no matter for what use it is sold. The Kentucky Court of Appeals has so ruled in affirming the decision of the Franklin Circuit Court in the suit of the H. O. Hurley Company and R. J. Thornton & Co. These complainants sought to restrain collection of the spirits tax on alcohol to be used in manufacturing medicinal preparations and flavoring extracts. The trial court followed the opinion of the State's attorney-general that, as worded, the spirits tax law comprised the taxing of all alcohol that was adaptable to consumption as a beverage.

Gasoline Pump Parley Set

Oral hearing will be held by the Federal Trade Commission in its home office, Washington, January 12, on the trade practice rules proposed for the gasoline pump manufacturing industry. Written views in this matter will be received by the commission until the date of the hearing.

Maple Floor Finishes Graded

Lumber Association Purposes to Approve Products on Specifications and Laboratory Test

The Maple Flooring Manufacturers Association has adopted a new procedure essential for its approval of heavy duty finishes for use on maple, beech, and birch floors. Under the new plan, products will be certified to the association on the basis of laboratory examination according to its specifications.

Products which have met these specifications and have been so certified to the association will receive its approval when they have adequately demonstrated to representatives of the association that under heavy service conditions of six months or longer, they meet the requirements. Floors in classrooms, stores, offices, bakeries, and similar places have the type of traffic classified as heavy service conditions.

In order that a manufacturer of a heavy duty finish for maple, birch, or beech floors may have his product approved by the association he is required to furnish confidential data to Foster D. Snell, Inc., 305 Washington street, Brooklyn, N. Y., which has been appointed by the association as the official laboratory to make its tests. Blanks for furnishing the data may be obtained from the Snell laboratories.

Outline of Procedure

The official testing laboratories will buy the material in the open market or obtain it under affidavit from the manufacturer and examine it for compliance with the specification. A period of thirty days should be allowed for examination before certification to the association. The charge for such examination is $25 for each product.

Products meeting the laboratory test prior to January 1, 1937, will be certified to the association and by the association to members of the industry as of that date. MFMA approval will be effective for two years, subject to the condition that prompt notification will be given the association of any change in formula, and of withdrawal of approval on substantial evidence of depreciating the quality of the product.

Manufacturers submitting products will be advised by Foster D. Snell, Inc., of the results of the examination of their product or products, whether each meets the specification, and if it does not, the parts of the specification which it fails to meet. Manufacturers having received MFMA approval may use that in their advertising. The Maple Flooring Manufacturers Association will from time to time publish lists of MFMA approved finishes. Finishes now on the approval list will receive approval provided they meet the laboratory requirements. Additions to the MFMA approved list will be published at intervals.

It is the wish of the Maple Flooring Manufacturers Association that manufacturers of heavy duty floor finishes who desire the association's endorsement will co-operate fully under the provisions of this plan, since it will be impossible for the association to recommend finishes which have not fully met the specification.

Specifications and Tests

The MFMA specifications and the tests by which the status of a product will be determined are as follows:—

General Requirements

1. The material shall be suitable for application to new maple, beech, and birch flooring or to such flooring which has been in service.

2. The presence of waxes will be permitted within the limits of the detailed requirements.

Detailed Requirements

1. The material shall not contain more than 1.0 percent of water, unless it is an emulsion, in which case the water shall be the dispersed phase. (Test 1.)

2. The material shall not contain more than 0.1 percent of suspended inorganic matter. (Test 2.)

3. The flashpoint of the material shall not be under 100 deg. F. (Test 3.)

4. The Lovibond color of a column of sample 5¼ inches high shall not exceed 60 red units and 500 yellow units. (Test 4.)

5. The material when applied according to the directions of the manufacturer shall not markedly darken the wood. (Test 5.)

6. The material when applied according to the directions of the manufacturer and allowed to dry in the air for twenty-four hours, shall not be slippery, sticky, or gummy. (Test 6.)

7. The material, when applied according to the directions of the manufacturer, shall not leave a film on the surface of the wood, which will mar, scratch, or flake off. (Test 7.)

8. Artificial soil applied to the flooring finished according to the directions of the manufacturer shall be easily removable. (Test 8.)

9. The finish, when applied according to the directions of the manufacturer, shall not be removed when washed with soap and water at 40 deg. C. (104 deg. F). (Test 9.)

Methods of Testing

1. Dilute 10 cc. of the sample with 90 cc. of benzene and mix well. If the solution is not clear and transparent, determine whether water is present by the following procedure:—

Place 50 grams of the sample in a 300 cc. round-bottom flask. Add 100 cc. of xylene which has been previously saturated with water and redistilled. Connect the flask with a dry condenser and heat in an oil-bath. Use a Dean-Stark tube or equivalent as receiver and con-

(Continued on page 29)

Patman Act Complaint Hits Charles of Ritz

Violation of F.T.C. Law Also Charged in Allegation of Discriminations

WASHINGTON, Dec. 24, 1936.

Charles of the Ritz, Inc., and Charles of the Ritz Distributors Corporation, both of New York, engaged in the sale of cosmetics and toilet goods, are named respondents in a complaint issued by the Federal Trade Commission, alleging violation of three sections of the Robinson-Patman act and section 5 of the Federal Trade Commission act.

Under Section 2 (a) of the Robinson-Patman act, the respondent corporations are charged with discriminating in price between different purchasers of their products of like grade and quality, by allowing certain of such purchasers prices different from those granted to others who are competitively engaged in the sale of such products in interstate commerce.

According to the complaint, customers whose purchases are less than $4,000 a year are allowed a discount of 33⅓ per cent,, plus 5 percent of the retail or list price of the respondent corporations' commodities of like grade and quality; and those whose total annual purchases amount to $4,000 or more are given a discount of 33⅓ percent, plus 10 percent of the retail or list price. It is alleged that these same discounts are made to a group of purchasers, depending upon whether their purchases are less than $18,000 annually, or more than that amount.

The effect of these price discriminations, the complaint alleges, may be to lessen competition substantially in the sale of toilet articles and cosmetics between the respondent corporations and competitors, and between favored purchasers and those who do not receive discriminatory allowances.

Contrary to the provisions of section 2 (d) of the Robinson-Patman act, the

(Continued on page 42)

Walsh-Healy Act Blocks Navy Bids

Fuel Oil and Copper Contracts Not Welcomed by Sellers —Exemption Sought

WASHINGTON, Dec. 22, 1936.

Despite the fact that the Navy Department had no bids on a recent contract for 170,000 barrels of fuel oil for the East coast, oil contracts have constituted about 20 percent of the total value of all awards under the Walsh-Healey act. The Navy Department is having more trouble getting Eastern bids than with bids for the West coast. So far the two largest bids for oil have both been filled by Western companies. One contract for $1,515,015 worth of fuel oil was awarded to the Texas Company of California, while another contract for $1,074,078 was awarded to Union Oil Company of California. The largest Eastern bidder so far has been the Sinclair Refining Company, New York, awarded two contracts aggregating $114,508.

Copper has given the naval officials more trouble than any of the other commodities that they use; 2,600,000 pounds of copper were advertised for bids under the Walsh-Healey act, but not a single bid on the lot was received. Navy officials have been conferring with Frances Perkins, Secretary of Labor, but as yet no official decision has been given. Sanction to award the contract without regard to the Walsh-Healey act is probably being sought by the navy officials. Opinion in some government circles is that the navy will be forced to go into the open market to purchase the amount needed, and so defeat the purposes of the act.

The War Department has also had difficulty with the Walsh-Healey act, and the Judge Advocate-General, in a recent opinion, stated that all sales of articles which are freely sold and bought and are kept in stock are sales in the open market. Under this interpretation oil, gasoline, automobiles, steel, locomotives, and typewriters would be outside the scope of the Walsh-Healey act. Miss Perkins overruled the Judge Advocate-General by stating that she had already decided to define "open market purchases" as those in which the contracting officer was not obliged to advertise for proposals.

In her decision the secretary listed a number of specific articles which are exempt from the Walsh-Healey requirements since they may be bought without advertising for proposals. These included army medical supplies, secret apparatus of the Ordinance Department, and emergency purchases when public exigencies require immediate delivery and there is no time to advertise for proposals.

Purchasing agents are expected to use the "emergency purchases" clause as much as they can in order to get the commodities needed at a better price and more rapid delivery.

Italy Limits Sulphur Deliveries

A recently proclaimed Italian royal decree law establishes that the direct or indirect delivery and sale by the official sulphur sales for Italian raw sulphur to sulphur manipulating establishments in the kingdom cannot exceed, save in exceptional cases, the average quantity which the sales office consigned to such establishments during the three years ended July 31, 1936. Information to this effect has been received by the Department of Commerce attache at Rome.

Chemical stoneware manufactured in the United States in 1935 had a total value of $617,042. The total value of this production was $615,179 in 1934, $383,067 in 1933.

Closing Market Developments

Heavy Chemicals Dull

The market for industrial chemicals was dull in the late part of the week, reflecting the closing down of industrial operations for the Christmas Day holiday. Tin salts were barely steady, the price for Straits tin hovering around 51¾c. per pound.

Fertilizer Organics Hold

Prices for fertilizer ammoniates held in a nominal position and without further advances at the end of the week. Trading was at a standstill Friday because of the holiday.

Heating Oils Raised

Leading sellers of heating oil advanced tankcar prices for No. 1 grade ½c. per gallon at local refineries and ½c. at Charleston, Wilmington, N. C., Baltimore, Philadelphia, Providence and Boston. Prices were raised ¼c. Jacksonville, Tampa and Savannah.

Cottonseed Oil Firmer

Refined cottonseed oil futures were active and stronger on Thursday. Shorts were inclined to cover on the eve of the holidays and their purchases, together with new buying caused an advance to 11.58c. for May and 11.67c. for July after which there was a moderate reaction. Crude oil was nominal in the South in the absence of offerings.

Paint Manufacturers Issue New Schedules

With the purpose of bringing their sales plans into accord with the requirements of the Robinson-Patman act, a number of paint manufacturers have issued revised schedules of prices and discounts for dealers.

Such schedules have been reported to the National Paint, Varnish and Lacquer Association by the Acme White Lead & Color Works, Detroit; the Devoe & Raynolds Company, New York; E. I. duPont de Nemours & Co., Wilmington; the Industrial Paint & Varnish Company, Dallas; the Lowe Brothers Company, Dayton; John Lucas & Co., Philadelphia, and the Martin-Senour Company, Chicago, in addition to the Sherwin-Williams Company, whose similar action was mentioned in the REPORTER for December 21.

The schedules of these manufacturers, with the exception of the duPont company and the Industrial company, provide discounts from dealer's net prices as follows:—

	Percent. Net
0 to 48 gallons	3
48 to 96 gallons	6
96 gallons and over	8
Carloads	½

The duPont schedule is as follows:—

	Percent. Net
0 to 11.99 gallons	3.0
12 to 23.99 gallons	5.0
24 to 47.99 gallons	6.5
48 to 83.99 gallons	8.0
84 gallons and over	

The schedule of the Industrial Paint & Varnish Company is on a dollars basis, instead of a gallons basis. It is as follows:—

	Percent. Net
$0.00 to $49.99	2
50.00 to 99.99	4
100.00 to 199.99	6
200.00 to 299.99	8
300.00 to 399.99	10
400.00 and over	

Fuel Oil Output: 1935

Sales of gas oil, distillate fuel oil, and residual fuel oil in the continental United States increased from 330,321,000 barrels in 1934 to 365,985,000 barrels in 1935, according to the United States Bureau of Mines. The total for 1935 approached within 6,000,000 barrels of the peak demand established in 1929. Oil distributors delivered to domestic and foreign markets a total of 395,000,000 barrels of fuel oil in 1935 compared with 359,000,000 barrels in 1934 and 411,000,000 barrels in 1929.

The following compilation shows the distribution by uses in 1935 compared with 1934:

	Barrels of 42 gallons— 1935.	1934.
Railroads	55,651,000	52,581,000
Steamships (including tankers)	74,581,000	69,262,000
Gas and electric power plants	23,647,000	23,143,000
*Smelters and mines	2,448,000	2,682,000
Manufacturing industries	61,128,000	54,260,000
Heating oils	76,853,000	60,822,000
U. S. Navy, Army transports, etc.	10,428,000	7,914,000
Oil company fuel	48,116,000	47,404,000
Miscellaneous uses	13,133,000	12,253,000
Total United States	365,985,000	330,321,000
Exports and shipments	28,948,000	28,605,000
Range oil	21,526,000	15,756,000

* Revised figures for 1934.

Chemical Price Level Raised

Although prices on a number of items were reduced, advances made in schedules in the markets for heavy and fine chemicals last week had a greater influence, and the general average was raised. The effect of the holiday and year-end was noticeable in the volume of business passing, and the unsettled condition of labor relations in certain consuming industries was additionally depressing. Hope of avoiding more serious labor trouble still prevailed, but doubt was expressed here and there.

Higher prices were named on blue vitriol, sugar of lead, red lead, white lead, blue lead, litharge, orange mineral, metallic lead paste, metasilicate of soda, creosote oil, Argentine casein, bone and hide glues, copal, dammar, and ester gums, imported bone meal, Eastern fishmeal, Western nitrogenous fertilizer material, and domestic and imported tankage and steamed bone. Reductions affected aqua ammonia in drums, nitrite of soda, nitrate of silver, U.S.P. lactic acid, isopropyl alcohol, methylbutyl and ethylmethyl ketones, and the secondary types of butyl alcohol, butyl acetate, hexyl alcohol, and hexyl acetate. Price schedules on nickel salts and maleic acid were extended for the new year.

The REPORTER'S composite index number of prices for heavy and fine chemicals advanced from 125.3 to 125.5 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.9, against 88.6 at this time last year.

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Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Benzol, Refined:—Italy, by decree of October 15, will admit free of all duties and taxes during the current fiscal year, 120 metric tons of pure or refined benzol for the use of civil aviation schools.

Fertilizers:—Haiti has exempted chemical and natural fertilizers for agricultural use from the payment of import duty.

Gasoline:—Italy, by decree of October 15, will admit free of all duties and taxes during the current fiscal year, 1,200 metric tons of gasoline, for the use of civil aviation schools.

Lubricating Oils:—Italy, by decree of October 15, will admit free of all duties and taxes during the current fiscal year, 80 metric tons of lubricating oils for the use of civil aviation schools.

Oil Cakes:—Estonia, by presidential decree, has imposed an export duty on linseed oil cakes of 0.05 crown per gross kilo.

Oil Fruits and Seeds:—France has reduced the import duty on oil fruits and seeds generally by approximately one-third to one-half.

Olive Oil:—Tunisia has made the exportation and re-exportation of olive oil subject to a guarantee, by the exporters, to deliver for local consumption, at fixed prices, quantities equivalent to 15 percent of the quantities exported and of the same grade.

Olive Oil and Lubricating Oil:—Tunisia has postponed to July 1, 1937, the effective date of the requirement that all lubricating oils used, transported or sold in Tunisia contain at least 20 percent of Tunisian olive oil.

Pharmaceutical Preparations:—Venezuela has revised regulations under the pharmacy law amending various provisions governing the registration of pharmaceutical specialties. The regulatory decree, effective January 29, 1937, applies to pharmaceutical products which are defined as all chemical substances, drugs, and pharmacological or biological preparations intended for human or veterinary medication. Imported pharmaceutical products which have not fulfilled the provisions of the new regulations prior to January 29 will be subject to confiscation.

Potassium Permanganate: — United Kingdom's import advisory committee has received applications for increases in the import duty on potassium permanganate.

Salt:—Haiti has reduced the duty on crude common salt from 0.10 to 0.05 gourde per gross kilo.

Sulphite Lye: — United Kingdom's import advisory committee has received applications for increases in the import duty on sulphite lye.

U. S. Revenue: November

Collection of excise taxes by the Bureau of Internal Revenue, Washington, for November, 1936, compared with November, 1935, as follows:—

Taxes Collected

	November 1936.	1935.
Distilled spirits, domestic, excise tax $2 per gallon	$29,357,660.65	$22,462,748.33
Distilled spirits, imported, excise tax $5 per gallon	3,400,115.86	1,583,356.05
Distilled spirits, rectification tax 30c. per gallon	1,457,482.44	890,553.02
Gasoline	12,980,998.46	19,769,697.61
Lubricating oils	1,878,392.02	2,747,025.83
Matches	280,992.12	551,896.16
Narcotics, including special taxes	13,338.17	19,028.86
Oleomargarin, excise taxes	91,934.10	92,803.60
Oleomargarin, special taxes	30,631.34	39,329.16
Toilet preparations—		
At 5 percent	582,212.83	299,191.30
At 10 percent	1,011,748.91	874,926.66
Transportation of oil by pipeline	728,738.59	876,420.16
Total internal revenue	$176,525,695.97	$174,898,951.20

Quantities Taxed

	November 1936.	1935.
Distilled spirits, domestic, tax gallons	14,662,399	11,223,909
Distilled spirits, imported, tax gallons	1,700,058	791,678
Distilled spirits, rectified, proof gallons	4,858,275	2,968,510
Oleomargarin, colored, pounds	59,966	41,540
Oleomargarin, uncolored, pounds	34,305,000	35,459,000

Paul Harrison Retires As U.S.I. Sales Head

Paul Harrison, sales manager for the New York division of the U. S. Industrial Alcohol Company, this city, is retiring January 1, bringing to a close an active career of forty-six years, one of the longest in the alcohol industry. He is also retiring from the presidency of James A. Webb & Son, a U.S.I. subsidiary.

Mr. Harrison entered the alcohol field in 1890 when he joined the firm of James A. Webb & Son. Founded in 1835, the House of Webb had already established its place as the best-known distributors of alcohol to hospitals and the perfumery, food products, and pharmaceutical trades. "Webbs Cologne Spirits" was nationally noted for its high purity. As sales manager for the growing company, Mr. Harrison was laying the foundation for his wide knowledge of buyers' problems that was to serve him so well in future years. His brother, F. M. Harrison, later to become U.S.I. president, was also connected with the Webb company.

When James A. Webb & Son became a part of the U. S. Industrial Alcohol Company in 1915, the move was hailed in the trade as a happy combination of the best traditions and distributing experience of Webb, and the great technical and manufacturing resources of "U.S.I." Paul Harrison assumed his new duties with a growing number of problems confronting the industry.

The rapid expansion of uses for industrial alcohol, as a result of the denatured alcohol law of 1906, necessitated large and rapid development of the company's facilities and resources, and with the advent of the World War, new and momentous problems of distribution arose. The heavy burden of sales and shipments of wartime alcohol fell upon his shoulders. Through his untiring efforts, "U.S.I." was able to play a major part in its co-operation with the government.

In later years, as president of the Webb division, his advice and counsel were important factors in guiding the destiny of the U. S. Industrial Alcohol Company. He had an unparalleled opportunity to trace the evolution of the company into the world's largest producer of industrial alcohol.

Paul, as he is affectionately known to his host of friends, leaves his posts with the well-earned tributes accorded his distinguished service. His golf and bridge associates will welcome the greater freedom he now enjoys. Known as a low handicap player, he can be expected to spend additional time in rounding off his links game.

Mr. Harrison holds directorships in the U. S. Industrial Alcohol sales Company, James A. Webb & Son, and A. L. Webb & Sons.

Eagle-Picher Secretary 53 Years in Industry

Joseph Hummel, jr., secretary-treasurer of the Eagle-Picher Lead Company, Cincinnati, completed, December 18, his fifty-third year of active association with the lead industry. He may be credited with one of the longest service records in the industry as well as with the company, and is still actively carrying on at his daily work.

Born in Cincinnati in 1866, Mr. Hummel attended the Cincinnati branch of the University of Notre Dame, and started his business career with the Eckstein White Lead Company, Cincinnati, December 18, 1883. In 1891, he and his father, with several associates, including the Swift brothers, also of the Eckstein company, purchased the Eagle White Lead Company, then owned by William Woods and brothers. The company bought a controlling interest in the Picher Lead Company, Joplin, Mo., and was thus able to control the mines which furnished the raw materials. In 1916 the two companies were merged. Mr. Hummel is an active member of the Cincinnati Business Men's Club, the Rotary Club, the Hyde Park Country Club, and the Western Hills Country Club.

Ireland Makes Power Alcohol

Production of industrial alcohol, chiefly for use in gasoline-blend motor fuels, has been started by the Irish Free State in a new plant in Riverstown, Dundalk County Louth. Other plants will be put in operation soon. Alcohol will be made from the surplus potato crop of Ireland. Gaseous and solid carbon dioxide will be made as by-products.

Drugs for Home Use Suggested

Consumers Project Booklet Urges Caution in Use of Certain Laxatives and Anodynes

WASHINGTON, Dec. 26, 1936.

A booklet entitled "The Home Medicine Cabinet" was issued today by the Consumers' Project, a WPA activity under the supervision of the Department of Labor.

Knowledge that such a booklet was in preparation involved the Consumers' Project in something of a controversy with several individuals in the drug trade several months ago through an erroneous impression that the intention was to recommend or disapprove certain brands of drug merchandise.

The booklet, which consists of twenty-two pages, makes no reference to the products of any particular manufacturer, and is devoted chiefly to listing the essentials of a home medicine cabinet and describing their use. Principal products listed include an antiseptic, application for burns, pain-reliever, laxative, emetic, stimulant, toothbrush, dentifrice, gauze.

Antiseptics recommended are iodine, boric acid and rubbing alcohol, and a few first-aid instructions in dressing a small wound are included. Laxatives approved are mineral oil, agar emulsion, cascara sagrada, milk of magnesia, sodium phosphate, and castor oil. There is a caution about depending too much on laxatives and a warning against laxatives containing phenolphthalein or strychnine. Aspirin is described as "the least harmful drug for use in the self-treatment of pain," and consumers are warned against pain remedies containing amidopyrin, phenacetin, antipyrin, or acetanilide.

A formula for making tooth-powder in the home is given, and consumers are told that a dentifrice should do nothing more than clean the surface of the teeth. Salt water is recommended as the best mouthwash.

The booklet frequently refers to publications of the American Medical Association and refers the reader to that organization or to the United States Food and Drug Administration for further information or lists of drugs containing ingredients mentioned.

French Potash Miners Granted Shorter Hours

The decree on the application of the forty-hour week (thirty-eight hours, forty minutes for underground workers) in the potash mines, approved by the French Council of Ministers October 27, takes into consideration the special regime which has already applied to the underground workers in the potash industry, according to information received by the Department of Commerce from the assistant trade commissioner at Paris. Prior to the passage of the new legislation, the hours of work in the potash mines, because of the special conditions under which the miners were working, were already less than in the coal mines.

The decrease in the hours of work will naturally react on production, and will be particularly noticeable owing to the fact that at present the increased demand for potash fertilizers has obliged the potash companies to take on additional labor.

A consequence of the application of the law of thirty-eight hours, forty minutes in the potash mines, added to the increased wages and paid vacations, would normally be increased sales prices. The French government, it is stated, which has already been called upon to intervene with regard to the fixing of new prices for nitrogenous fertilizers, will also examine the question of the new sales prices for potash fertilizers.. The devaluation of the French franc will not react upon sales prices for export, but it should be noted that French producers will, as a general rule, benefit on deliveries abroad, as prices for each country are calculated in local currency.

Sales of potash fertilizers in France at present show an increase, probably somewhat because of fear of a possible rise in prices. Export sales have been larger because of the suspension of production in Spain.

Potash Production Resumed in Spain

The Spanish potash mines have resumed production, according to information got by way of Switzerland by the Department of Commerce from the assistant trade commissioner at Paris.

It is stated that interruption in the output of the Spanish potash mines had relatively little effect on world markets. The Spanish companies, whose quota in the international cartel is fixed at 14 percent, transferred their share to producers in other countries during the period when the Spanish mines were not producing.

The three principal Spanish potash mines, Potasas Ibericas, Union de Explosivos, and Potasas de Suria will be subject to the new Catalan decree of collectivization for the appropriation of large enterprises, according to the report. However, in view of the foreign capital in these three companies, it is stated that the Catalan minister will settle the question of expropriation only after discussion with the interested parties. At the present time, the companies are managed by control committees set up by the workers.

C.S.A. Party to Be Big

Reservations already in hand show that there will be a big attendance at the Christmas party of the Salesmen's Association of the American Chemical Industry in the Park Central hotel, this city, December 29. The preliminaries will be started about 6 p. m.; the lavish entertainment is scheduled to start at 9:00 p. m.; the dinner will come on about midway between the two. Tickets for member or guest are $6 each. Reservations are being handled by B. F. Sheehan, jr., of the Grasselli Chemical Company, 350 Fifth avenue. Telephone orders are only conditionally accepted.

Soviet Buys 40 Tons of U. S. Tung Nuts

The Soviet Union is devoting serious attention to the development of a domestic tung industry and, as climatic and soil conditions in its Georgia region are somewhat similar to those found in our Gulf Coast States where some 75,000 acres are now planted to tung trees, the Soviet Government is watching development of the American industry with interest, according to C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce.

Soviet Government Tung Oil Commissions have toured the American tung belt during each of the past three years to study American methods of culture and to select nuts suited to Russian soil and climate, he stated. The last commission, consisting of the director of the All Union Scientific Institute of Sun-Tropics and two associates, are at present visiting groves in Florida, Alabama, and elsewhere and so far have purchased 40 tons of seed nuts for shipment to Soviet nurseries.

The importance of developing a domestic tung industry to supply oil for its growing paint and varnish and other tung oil consuming manufacturers was recognized by the Soviet several years ago, at which time a special "Tung Oil Bureau" was established at Batum, on the Black Sea. Tung trees were first planted in Russia in the Batum botanical gardens some 30 years ago and until 1930 these remained the only specimens in the country. Little progress was made until 1934, during which year the area planted to trees grew to approximately 1,000 acres. While little is known of progress made since that time, a survey reveals that the Soviet Government bought 15 tons of American tung seed in 1934, 11¾ tons during the year following, and so far, the present mission, which is still visiting American groves, has contracted for 40 tons of seed from the 1936 crop. According to estimates the Soviet Government has bought sufficient tung seed from the United States alone to plant in the neighborhood of 100,000 acres.

Scientists of U. S. Honor Karl Scheele's Memory

Fifteen outstanding American scientific, technical and industrial associations united December 19 in a formal tribute to the memory of the discoverer of glycerin, the great Swedish pioneer in the fields of chemistry and pharmacy, Dr. Karl Wilhelm Scheele. The occasion was the anniversary of Dr. Scheele's birth 194 years ago.

A congratulatory message to Crown Prince Gustaf Adolf, as head of the Royal Academy of Sciences in Sweden, was cabled by fifteen American groups, describing Dr. Scheele's isolation of glycerin in 1779 as a "significant contribution to modern life."

America's cabled tribute read:—

On the occasion of the one hundred and ninety-fourth birthday of Karl Wilhelm Scheele, discoverer of glycerin, the undersigned American organizations join in congratulating the Swedish Academy of Sciences on your nation's significant contribution to modern life through this discovery. Glycerin since it was isolated by Doctor Scheele in 1779 has become a vital factor in industry medicine and everyday life. The world has ample cause for gratitude and the Swedish people cause for pride in the genius of this pioneering chemist.

American Chemical Society.
American Institute of Chemical Engineers.
American Pharmaceutical Association.
American Society for Pharmacology and Experimental Therapeutics.
Chemists Club.
Chlorine Institute.
Federation of Architects, Engineers, Chemists and Technicians—Chemists Section.
Glycerine Producers Association.
Lithographers National Association.
New York Pharmaceutical Council.
Proprietary Association.
Smithsonian Institution.
Society of Arts and Sciences.
United States Pharmacopeial Convention.

The message also carried the personal signature of Dr. Reid Hunt, of Harvard University Medical School, past chairman of the Council on Pharmacy of the American Medical Association.

Although Dr. Scheele is remembered especially for his discovery of glycerin, which now plays an extensive and varied role in modern medicine, industry and everyday life, he is also credited with the isolation and analysis of many other substances unknown before his day, including chlorine.

Scientific Photography To Be on Exhibition

The first international exhibition of applied and scientific photography ever held in the United States will take place in March next in the Rundell Memorial building, Rochester, N. Y., sponsored by the local section of the Photographic Society of America. Rowland S. Potter, national chairman of the scientific and technical section of the society, is president of the local section. Under the chairmanship of Gustave Fassin, of the Bausch & Lomb scientific bureau, Rochester, a committee has been appointed to obtain and arrange the exhibits. Scientists all over the world are being contacted in an endeavor to make the exhibition fully representative of the many fields of applied and scientific photography. Scientists in any of the following fields are invited to send exhibits to the heads of the sections listed below, or to C. B. Neblette, secretary of the scientific section, at Rochester:—

Astronomy, meterology, light sensitive substances, Dr. Walter Clark; photomicrography, micro-photography, metallography, Gustave Fassin; X-ray spectrography, Dr. Brian O'Brien and Dr. Walter Clark; cosmic ray photography and theoretical physics, Dr. T. R. Wilkins; press photography, C. B. Neblette; high speed photography, Glenn Mathews; technique of color photography; Rowland S. Potter and John W. McFarlane; photography by invisible radiation, John W. McFarlane; aerial photography, Glenn Matthews.

Rotenone flysprays and those containing thiocyanates, as well as pyrethrum sprays, may be labeled, at least until June 30, 1937, as "non-injurious when used as directed," under the California insecticide law, according to information given to John H. Wright, secretary of the National Association of Insecticide and Disinfectant Manufacturers, by Dr. Alvin J. Cox, chief of the chemical division of the California Department of Agriculture.

DRESS PARADE UNIFORMS

for sale

on containers with Championship Stamina

Want to see Samples?

Write and we will be glad to show you any or all sizes of the above lithographed containers . . . 100 lb., 50 lb., 25 lb. and 12½ lb. capacities. They have many features you will want to see for yourself.

Dress uniform has a way of stealing the spotlight, catching and holding attention every step of the parade from your plant to final purchaser. Adding "dress parade" design and eye-catching attractiveness to containers is a Canco specialty. Samples will show you, too, that beneath the sales-pulling attractiveness is rugged stamina that will protect your product on its quickened parade to more sales.

CANCO

AMERICAN CAN COMPANY

230 Park Avenue New York, N. Y.

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

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A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .42 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .28
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .07 - —
l.c.l., dlvd....lb. .07½- —
tanks, dlvd....lb. .06 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.35 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l....lb. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. 100 lbs. 2.95 - 3.20
50%, bbls. 100 lbs. 4.60 - 4.85
cbys. 100 lbs. 5.10 - 5.35
70%, bbls. 100 lbs. 5.75 - 5.90
cbys. 100 lbs. 6.25 - 6.45
80%, bbls. 100 lbs. 6.55 - 6.75
cbys. 100 lbs. 7.00 - 7.25
glacial, natl., CP., cbys. 100 lbs. 14.00 - —
coml. bbls. 100 lbs. 8.45 - 8.60
cbys 100 lbs. 8.93 - 9.15
USP., dms. 100 lbs. 10.50 - —
cbys. 100 lbs. 11.00 - —
synth., 99.5%, al. dms. 100 lbs. 8.45 - 8.60
cbys. 100 lbs. 8.93 - 9.15
USP., reagent, 99.8%, al. dms—100 lbs. 10.50 - —
cbys. 100 lbs. 11.00 - —
pure, 36%, bbls. 100 lbs. 3.52 - 3.77
cbys. 100 lbs. 3.92 - 4.17
80%, bbls. 100 lbs. 3.95 - 4.20
cbys. 100 lbs. 4.45 - 4.70
80%, bbls. 100 lbs. 6.63 - 6.88
cbys. 100 lbs. 7.13 - 7.38
99%, bbls. 100 lbs. 8.83 - 9.08
cbys. 100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River), Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l....lb. .14 - .15
Acetylsalicylic, USP, bbls., 225 lbs..lb. .55 - —
boxes, 100 lbs....lb. .56 - —
50 lbs....lb. .57 - —
25 lbs....lb. .58 - —
kegs, 100 lbs....lb. .55 - —
Anthranilic, refd., bbls....lb. .85 - .90
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs....lb. .44 - —
900 lbs. or less....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs....lb. .55 - —
900 lbs. or less....lb. .58 - —
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs....lb. .56 - .57
900 lbs. or less....lb. .59 - .60
Battery, cbys, c.l. E. works. 100 lbs. 1.35 - 1.50
25 cbys or more, E. works. 100 lbs. 1.60 - 1.75
10-24 cbys....100 lbs. 1.75 - 1.90
1-9 cbys....100 lbs. 2.35 - 2.50
Boric, tech., 99.5%, gran., bbls., contracts, 60 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 60 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 60 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 60 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP., $30 per ton higher.
Broenner's, bbls....lb. 1.11 - —
Butyric, 98%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 90%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .16 - .16½
Chicago, bbls....lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .03½- —
5 drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .15¾
Cianamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .25 - —
kegs....lb. .25½- —
gran., bbls....lb. .25 - —
kegs....lb. .25½- —
powd., bbls....lb. .25½- —
anhyd., gran., dms....lb. .28 - —
powd., dms....lb. .28½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls....lb. .50 - —
Coconut oil, white, dms....lb. .13 - .13½
Cottonseed oil, dms....lb. .08 - .08¾
Cresylic, high-boil, dms., c.l., works, frt. equald....gal. .72 - —
l.c.l., same basis....gal. .74 - —
low-boil, dms., c.l., works, frt. equald..gal. .77 - —
l.c.l., same basis....gal. .79 - —
Acid, cresylic, special resin grade, dms., c.l., works. lb. .09 - —
l.c.l., same basis....gal. .09½- —
high-boil, dms., c.l., works..gal. .72 - —
l.c.l., same basis....gal. .74 - —
imported pale, 97-99, dms., gal. .84 - .99
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l....lb. .11 - —
25 carboys and over....lb. .11½- —
1-24 carboys....lb. .12 - —
Southern territory, cbys., c.l. lb. .1220- .1290
25 cbys. and over....lb. .1270- .1340
1-24 carboys....lb. .1320- .1390
inland territory, cbys., c.l.lb. .1185- —
25 cbys. and over....lb. .1235- —
1-24 cbys....lb. .1285- —
Fumaric, bbls....lb. .60 - —
Fluoric, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works....lb. .45 - —
Gallic, tech., bbls....lb. .65 - .66
N.F., VI, bbls....lb. .77 - .80
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.80
Hydrofluoric, 30%, bbls....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-32%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djms..lb. .75 - —
Koch, bbls....lb. .86 - .87
Lactic, 22%, dark, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., cbys., works. 100 lbs. 2.75 - 3.75
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., cbys., works. 100 lbs. 5.75 - 6.75
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., bbls., cbys., works. 100 lbs. 3.75 - 4.75
44%, bbls., c.l., works. 100 lbs. 6.50 - —
l.c.l., bbls., cbys., works. 100 lbs. 6.75 - 7.75
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys....lb. .21½- .22½
USP, X, 85%, cbys....lb. .42 - .45
USP, VIII, 75%, cbys....lb. .40 - .43
Linseed oil, dark or light, dms..lb. .1200- .1325
tanks....lb. .1230- —
extra white, dms....lb. .1115- .1160
split, dms....lb. .09 - .10½
Laurent's, bbls....lb. .45 - —
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06½- .07
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys., c.l., E. works. 100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., E. works. 100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Naphthenic, S.V. 120-300, dms. lb. .07 Nom.
210-230, dms....lb. .09 Nom.
240-280, dms....lb. .10 Nom.
sludges, dms....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 5.90 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works..100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.40 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 6.90 - —
42°, cbys, c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
1 to 9, works..100 lbs. 7.40 - —
Acid, nitric, CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .13½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palm oil, dms....lb. .08¼- .08½
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Phenylacetic, bots....lb. 2.00 - 2.25
Phosphoric, tech., 50%, cbys..lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djms..lb. .13 - .14
50%, s.g. 1.347, cbys, djms., lb. .14 - —
10%, dilut. cbys, djms..lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l....lb. .35 - .40
Propionic, ref., cbys., works. lb. .25 - —
dms., works....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works....lb. .16 - —
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .40
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., dlvd..lb. .11½- .12½
single pressed, bgs., dlvd.lb. .11 - .12
triple pressed, bgs., dlvd.lb. .14½- .15½
saponif., double pressed, bgs. dlvd..lb. .11¾- .12¾
triple pressed, bgs., dlvd..lb. .14½- .15½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works....lb. .17 - —
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
1 to 9, works..100 lbs. 2.10 - —
tanks, E. works....ton.12.00 - —
66°, cbys., c.l., E works. 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, E. works....ton.15.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, E. works. ton.18.50 - —
65% tanks, E. works..ton.35.00 - —
Sunflower seed oil, dms....lb. .16 - .16½
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .86
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .22¾- —
smaller quantities....lb. .23¼- —
kgs....lb. .23¾- —
Tobias, bbls....lb. .05 - —
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .27 - .28
Aconitine, amorph., vis....oz.17.00 - —
cryst., vis....oz.80.00 - —
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms....lb. .14 - .16
Agar Agar, 1, bls....lb. .72 - .73
2, bls....lb. .68 - .69
3, bls....lb. .55 - .56
Agaric, white, bls....lb. 3.00 - 4.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .77 - .79
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd....lb. .157 - —
tanks, dlvd....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld....lb. .10 - —
tanks, frt. alld....lb. .093½- —
Benzyl, bots....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld....lb. .10½- —
tanks, frt. alld....lb. .09 - —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .95 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms....lb. .95 - —
import., 95%, dms., 100 lbs.lb. .55 - —
6 to 10 lbs....lb. .75 - —
com'l, dms., 250 lbs....lb. .40 - —
Cinnamic, bots....lb. 2.50 - 2.60
Denatured, CD11, 12, 13, dms., c.l., works, E., frt. equal..gal. .32 - —
20 dms., East....gal. .35 - —
1-19 dms., East....gal. .38 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

Acacia—Alumina Stearate

Alcohol, denatured, SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works....gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works....gal. .26 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works..gal. .35 - —
1 to 19 dms., E. works, gal. .38 - —
tanks, E. works....gal. .27 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld..lb. .18 - —
l.c.l., frt. alld....lb. .18½- —
tech., contract, dms, c.l., frt. alld....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls....gal. 4.14 - —
1 to 18 bbls....gal. 4.17 - —
dms., c.l....gal. 4.11 - —
19 dms....gal. 4.13 - —
1 to 18 dms....gal. 4.16 - —
tanks....gal. 4.06 - —
absolute, dms....gal. 4.64 - 4.69
Grain alcohol 40c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., f.o.b. dest..lb. 1.25 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd....lb. .27 - —
cans, works....lb. .23 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .06½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing....gal. .55 - —
l.c.l., same terms....gal. .58 - .60
99%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .23 - —
l.c.l., ft. alld....gal. .25 - —
Methyl (see Methanol)
Phenylethyl, bots....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .25 - .30
Cape cs....lb. .22 - .24
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .30 - .31
Socotrine, kgs....lb. .25 - .30
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .52 - —
Alphanaphthylamine, bbls....lb. .32 - —
Althea root, cube cut, bls....lb. .35 - .37
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 2.90
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.10
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 2.90 - 3.20
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 2.75 - 2.90
dlvd. N.Y., Phila....100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.60
dlvd. N.Y., Phila....100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
13,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd....lb. .12 - —
Oleate, dms., contr....lb. .16¾- —
open order....lb. .17¾- .18¼
Palmitate, precip., bbls., ton.lb. .22 - —
smaller lots....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l., lb. .19 - —
l.c.l., ton....lb. .20 - —
less than ton....lb. .21 - —

Alumina Sul.—Ammoniac, Sal

Alumina sulphate, Zone 1-2, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.35 - 2.60
truckload, divd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, divd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, divd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, divd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.60
truckloads, divd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, divd. met. N.Y. 100 lbs. 2.75 - —
bbls., truckloads, 5 to 9, divd. met. N.Y..100 lbs. 3.00 - —
1 to 4, divd, met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Aluminum, powder, dry, lining, ext. fine, dms., 30,-000 lbs.; f.o.b. ship. pt. (see note below) lb. .90 - —
Aluminum powder, dry, lining, ext. fine, dms., 3,-000-30,000 lbs., same basis—lb. .93 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .55 - —
3,000-30,000 lbs., same basis—lb. .57 - —
1,000-3,000 lbs., same basis—lb. .60 - —
less than 1,000 lbs., same basis..lb. .65 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50
Aluminum powder, dry, litho. wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55
Aluminum powder, dry, varnish, standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine, lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb. from 3,000-30,000 lb prices; 5,000 lbs., ½c. from 30,000 lb prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb. from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss. but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz. 22.00 -35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., divd., met. N.Y. lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_2 content)..lb. .04½- —
tankwagons .....lb. .02 - —
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs. to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., divd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .16 - .19
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .38
Carbonate, tech., dom., bbls.lb. .06 - .12½
imported, csks.....lb. .06 - .12½
USP, lump, bbls.....lb. .06 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .85
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 50%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Jan.-June divy., divd., Ill., Ind., Mich., Ohio..ton. 24.00 - —
f.o.b. cars, Atlantic, Gulf ports..ton. 26.00 - —
Birmingham, Ala., ovens..ton. 26.00 - —
Northern ovens..ton. 24.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y..ton. 25.00 - —
dbl. bgs., export, f.a.s. N.Y., ton. No price
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. 5.00 - 5.75
white, gran., dom., bbls., contracts, works..100 lbs. 5.00 - 5.05
imports, csks.....100 lbs. 5.00 - 5.06

AMBASSADORS OF GOOD WILL

IN BUSINESS there is no more effective emissary of good will than a dependable product. Without words, it promotes friendship and establishes confidence. That WITCO products are effective ambassadors of good will is evidenced by the growing number of people who use them.

WITCO CARBON BLACKS—one of the most complete high quality lines available today, backed by the WITCO reputation for uniformity.

PIONEER HYDROCARBON M.S.—produced in a wide variety of grades to give you the right product with the right melting point, ductility and penetration for every requirement.

WITCO NO. 20 SOFTENER—a specially prepared lubricant and dispersing agent for rubber compounding with highly advantageous features. Reduces milling time 20-40%.

WITCO STEARATES—Zinc, Aluminum, Calcium and Magnesium, noted not only for their purity but for their fluffy, uniform texture, free from all traces of "greasy" lumps.

WITCO STEARITE—More and more manufacturers in the process industries are realizing the advantages of Stearite's greater uniformity, gained through the selective hydrogenation process of manufacture.

TITANIUM DIOXIDE—reaches a new standard in degree of fineness and ease of grinding. Possesses high opacity and low specific gravity.

PIONEER ASPHALT SPECIALTIES—have gained wide acceptance as the standard by which quality is measured in the many fields where they are used.

WITCO

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
NEW YORK . . . 295 MADISON AVENUE
CHICAGO . . . 365 E. ILLINOIS STREET
BOSTON . . . 141 MILK STREET
CLEVELAND . 616 ST. CLAIR AVENUE N. E.
WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND
Witco Owned and Operated: Witco Oil & Gas Company, The Pioneer Asphalt Company and the Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

Amyl acetate, ex fusel oil, dms., c.l., works	lb.	.12	- .13
l.c.l., frt. alld	lb.	.12½	- .13½
tanks, works	lb.	.11	- .12
ex pentane, dms., c.l., dlvd,	lb.	.142	- —
l.c.l., dlvd	lb.	.140	- —
tanks, dlvd	lb.	.135	- —
secondary, dms., c.l. f.o.b. dest	lb.	.09½	- —
l.c.l., f.o.b. dest	lb.	.10	- —
tanks, f.o.b. dest	lb.	.08½	- —
Alcohol (see Alcohol, amyl).			
Butyrate, bots	lb.	.90	- 1.00
Caproate, cns	lb.	2.75	- —
Caloride, normal, dms., works,	lb.	.56	- —
small lots, works	lb.	.60	- —
Chlorides, mixed, tech., dms., c.l., works	lb.	.07	- —
l.c.l., works	lb.	.077	- —
tanks, works	lb.	.06	- —
Mercaptan, dms., l.c.l., works	lb.	1.10	- —
Nitrite, bots	lb.	1.80	- 1.85
Oleate, dms., l.c.l., works	lb.	.25	- —
Salicylate, cans	lb.	.65	- 1.50
Stearate, dms., l.c.l. works	lb.	.20	- —
Amylene, dms, c.l	lb.	.102	- —
l.c.l	lb.	.11	- —
tanks	lb.	.09	- —
Anethol, bots	lb.	1.05	- 1.10
Angelica root, dom., bls	lb.	.23	- .25
import, natural, bls	lb.	.40	- .42
twisted, bls	lb.	.50	- .52
Angostura bark, bls	lb.	.35	- .36
Anilin oil, dms	lb.	.15	- .16
tanks	lb.	.14	- —
Salt, dms., works	lb.	.22	- .24
Anise, Russian, bgs	lb.	.09½	- .11
Spanish, bgs	lb.	.14	- .15
Star, bgs	lb.	.11½	- .12
Anisic aldehyde, bots	lb.	2.15	- 3.00
Annatto paste, bxs	lb.	.34	- .37
Seed, bgs	lb.	.07	- .09
Anthraquinone, 99.5%, subl., bbls.	lb.	.50	- .52
Antimony, butter (see Antimony chloride).			
Chloride, solut., cbys	lb.	.17	- —
Metal, dom	lb.	.13½	- —
import., c.i.f., duty paid	lb.	.14	- —
Needle, powd bbls	lb.	.11½	- .12
Oxide, dom., bbls., c.l	lb.	.13	- .13½
l.c.l	lb.	.13¾	- —
Import, bbls	lb.	.14	- —
Salts, 65%, kgs	lb.	.22	- .25
Sulphuret, golden, bbls	lb.	.22	- .28
White pigment, bgs., Texas works, frt. alld. to ½c.	lb.	.10½	- .13½
c.l.	lb.		
Antipyrene, cns., ton lots	lb.	2.00	- —
smaller lots	lb.	2.10	- 2.15
Apomorphine, cns	oz.	23.70	-23.90
Archil extract, conc., bbls	lb.	.21	- .27
double, bbls	lb.	.15	- .20
triple, bbls	lb.	.15	- .20
Areca nuts, powd., bbls	lb.	.11	- .13
Arecoline hydrobromide, bots., vls	oz.	6.25	- 6.50
Arnols, crude, 30%, csks	lb.	.07	- .08
80-85%, csks	lb.	.14	- .15
Arnica flowers, bls	lb.	.28	- .30
Root, bls	lb.	.38	- .40
Arrowroot, St. Vincent, powd., bgs.	lb.	.06¾	- .08¾
bbls.	lb.	.08½	- .09
Arsenic iodide (arsenous), bots., jars	lb.	5.15	- 5.20
Metal, lump, cs	lb.	.42	- .48
Red, import., cs	lb.	.15¾	- .16½
Trioxide (see Acid, arsenous).			
White, powd., kgs. c.l	lb.	.03½	- —
l.c.l	lb.	.04½	- —
Japanese, cs	lb.	.03¾	- .04¼
Arsenous chloride, liq., bot	lb.	1.55	- —
Asafetida, cs	lb.	.18	- .19
powd., bbls., bxs	lb.	.32	- .35
Asbestine (see Talc. N. Y. fibrous).			
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines	ton.	87.50	- —
5R, bgs., c.l. (20 tons), Canad. mines	—ton.	35.00	- —
6D, bgs., c.l. (20 tons)	Canad. mines	ton.	27.00 - —
7D, bgs., c.l. (20 tons), Canad. mines	ton.	23.00	- —
7F, bgs., c.l. (20 tons), Canad. mines	ton.	21.00	- —
7H, bgs., c.l. (20 tons), Canad. mines	ton.	17.00	- —
7K, bgs., c.l. (20 tons), Canad. mines	ton.	14.50	- —
7M, bgs., c.l. (20 tons), Canad. mines	ton.	12.00	- —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y	lb.	.02½	- —
smaller lots, f.o.b. N.Y.	lb.	.02¾	- —
AA, bgs., 20 tons, f.o.b. N. Y	lb.	.03½	- —
smaller lots, f.o.b. N. Y.	lb.	.10½	- —
California, dms., c.l., f.o.b. N.Y.	ton.	29.00	- —
l.c.l., f.o.b. N. Y	ton.	36.50	- —
Cuban, A., bxs., c.l., f.o.b. N.Y.	ton.	60.00	- —
l.c.l., f.o.b.N.Y	ton.	90.00	- —
B, bxs., c.l., f.o.b.N.Y	ton.	35.00	- —
l.c.l., f.o.b.N.Y	ton.	55.00	- —
Egyptian, bgs., c.l., f.o.b.N.Y.	lb.	.12	- —
l.c.l., f.o.b.N.Y.	lb.	.15	- —
Gilsonite, brilliant black, bgs, c.l., Colo. points	ton.	32.90	- —
seconds, bgs., c.l., Colo. points	ton.	25.50	- —
selects, bgs., c.l., Colo., Utah points	ton.	30.50	- —
l.c.l., f.o.b., or N.J. or N.Y., whse.	ton.	49.50	- —
Maltha, dms., c.l., f.o.b.N.Y.	ton.	29.00	- —
l.c.l., f.o.b.N.Y.	ton.	36.50	- —
Manjak (see Asphaltum, Barbados).			
Mexican, Texas, dms., c.l., refinery	ton.	19.00	- —
l.c.l., refinery	ton.	21.00	- —
tanks, refinery	ton.	16.00	- —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery	gal.	.13	- —
dms., c.l., E. cst., refinery,	gal.	.12	- —
tanks, Calif., refinery	gal.	.05102-	—
East Coast, refinery	gal.	.06	- .06½
Ill., Ind., refinery	gal.	.06½	- —
N. Orleans refinery	gal.	.06	- —
Wyo., refinery	gal.	.07½	- —
Atropine, vls	oz.	5.25	- 5.50
Sulphate, vls	oz.	2.25	- 2.35

B

Balm of Gilead buds, bgs	lb.	.21	- .23
Barberry bark, bgs	lb.	.10	- .11
Root bark, bls	lb.	.16	- .17
Barbital, cs	lb.	3.25	- 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works	ton.	42.00	- —
98% 200 mesh, bgs., c.l., works	ton.	45.00	- —
Barium carbonate, precip., bgs., bbls., c.l., works	ton.	52.50	-57.50
l.c.l., works	ton.	57.50	-62.50
sulphur-free, bgs., bbls., c.l., works	ton.	57.50	-62.50
Chlorate, kgs	lb.	.15½	- .17½
Chloride, CP., cryst., bbls	lb.	.18	- .20
tech., dom., cryst., bbls., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line	ton.	72.00	-74.00
l.c.l., same basis	ton.	85.00	-87.00
Zone 2, bgs., bbls., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla	ton.	76.00	-78.00
l.c.l., same basis	ton.	89.00	-91.00
Zone 3, bgs., bbls., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz.,	ton.	82.00	-84.00
l.c.l., same basis	ton.	95.00	-97.00
Zone 4, bgs., bbls., c.l., dlvd. Wash., Ore., Calif., Nev.	ton.	78.00	-80.00
l.c.l., same basis	ton.	91.00	-93.00
Dioxide, dms	lb.	.11	- .15
Fluoride, bbls	lb.	.15	- .16
Fluosilicate, bbls	lb.	.15	- .16
Hydrate (see Hydroxide).			
Hydroxide, bbls	lb.	.05½	- .07½
Iodide, bots	lb.	4.40	- 4.45
Monoxide (see Oxide).			
Nitrate, cks	lb.	.07	- .08¼
Oxide, dms	lb.	.11	- .15
Peroxide (see Dioxide).			
Sulphate, tech. (see Barytes and blanc fixe).			
X-ray, bbls	lb.	.13	- —
Barytes, dom., floated, bbls., c.l., St. Louis	ton.	23.65	- —
l.c.l., ex whse., Boston	ton.	36.00	- —
Chicago	ton.	30.85	- —
Cleveland	ton.	33.50	- —
New York	ton.	32.00	- —
paper bgs., c.l., St. Louis	ton.	22.85	- —
l.c.l., ex car, Baltimore	ton.	30.70	- —
Boston	ton.	31.70	- —
Philadelphia	ton.	30.50	- —
ex. whse., Baltimore	ton.	32.10	- —
Boston	ton.	35.20	- —
Chicago	ton.	30.85	- —
Cleveland	ton.	33.00	- —
Detroit	ton.	33.00	- —
Kansas City	ton.	30.93	- —
Los Angeles	ton.	42.00	- —
New York	ton.	31.50	- —
Philadelphia	ton.	31.90	- —
San Francisco	ton.	42.00	- —
Toronto	ton.	29.30	- —
Southern off color, bulk, mines	ton.	12.00	- —
95.75%, bulk, mines	ton.	16.00	- —
Barytes, German, grd., bbls., c.l., dock, t.a.	ton.	25.00	-26.00
l.c.l., ex whse	ton.	30.00	- —
unsrd., bulk, c.l., ex dock.	ton.	13.00	-14.00
Italian, grd., bbls., c.l., ex dock, t.a.	ton.	29.50	Nom.
l.c.l., ex whse	ton.	32.50	- —
Bauxite, bulk, mines	ton.	7.00	-10.00
Bay leaves (see Laurel leaves).			
Bay rum, import., bbls	gal.	.70	- .75
Bayberry bark, bgs	lb.	.07½	- .08
Belladonna leaves, bls	lb.	.14	- .15
Root, bls	lb.	.11	- .12
Bentonite, 1, 90% 200 mesh, bgs., Wyo. works	ton.	16.00	- —
2, 92%, 200 mesh, bgs., Wyo., works	ton.	11.00	- —
Benzaldehyde, tech., dms	lb.	.60	- .62
USP., IX, dms	lb.	1.10	- 1.20
USP., X, dms	lb.	1.30	- 1.35
Benzene (see benzol)			
Benzidin base, bbls	lb.	.70	- —
Benzol, 90%, nitration, pure, dms, works	gal.	.31	- —
tankcars, frt. alld. E. of Omaha	gal.	.16	- —
Benzol tankcar prices, West, f.o.b. works			sellers'
Bonzoyl chloride, dms	lb.	.40	- .47
Benzyl acetate, f.f.c., bots	lb.	.85	- 1.00
Alcohol (see Alcohol, benzyl).			
Benzoate, a.m.a., f.f.c., tins	lb.	.90	- 1.20
Chloride, 95-97%, refd., dms	lb.	.30	- .40
tech., dms	lb.	.25	- .26
Formate, cns	lb.	2.75	- 3.50
Benzylidin acetone, bots	lb.	2.35	- 3.50
Berberine bisulphate, bots	lb.	13.00	- —
Hydrochloride, bots	lb.	13.00	- —
Sulphate, bots	lb.	14.75	- —
Berberis root, bls	lb.	.10	- .11
Betanaphthol, subim, bbls	lb.	.55	- —
tech., bbls., c.l., works	lb.	.23	- —
l.c.l., bbls., works	lb.	.24	- —
Benzoate, bxs., kgs	lb.	2.35	- 2.50
Betanaphthylamine, tech., kgs	lb.	.51	- —
Beth root, bls	lb.	.12	- .14
Bismuth chloride, bxs	lb.	3.20	- 3.25
Citrate, USP, VIII, bxs	lb.	2.65	- 2.70
Hydroxide, bxs	lb.	3.15	- 3.20
Metal, ton lots	lb.	1.00	- —
Nitrate, cryst., jrs	lb.	1.20	- 1.25
Oxychloride, bxs	lb.	2.90	- 3.00
Subbensoate, bxs	lb.	3.25	- 3.30
Subcarbonate, fib. dms	lb.	1.40	- 1.45
X-ray, bots., fib. dms	lb.	2.60	- 2.65
Subgallate, bbls	lb.	1.50	- 1.55
Subiodide, bots	lb.	3.85	- 3.90
Subnitrate, powd., bots., fib. dms	lb.	1.30	- 1.35
Subsalicylate, 82-86%, bbls	lb.	2.35	- 2.40
Sulphocarbolate, bots	lb.	3.60	- 3.65
Trioxide, powd., bxs	lb.	3.45	- 3.50
Bismuth-ammonia citrate, USP, powd., cns	lb.	3.30	- 3.35
Bismuth-betanaphthol, bxs	lb.	3.05	- 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E.	lb.	.15	- —
l.c.l., frt. alld. E	lb.	.15½	- —
1, bbls., bgs., c.l., frt. alld. E.	lb.	.11½	- —
l.c.l., frt. alld. E	lb.	.12	- —
2, bbls., bgs., c.l., frt. alld. E.	lb.	.09½	- —
l.c.l., frt. alld. E	lb.	.10	- —
3, bbls., bgs., c.l., frt. alld. E.	lb.	.08½	- —
l.c.l., frt. alld. E	lb.	.09	- —
4, bbls., bgs., c.l., frt. alld. E.	lb.	.07½	- —
l.c.l., frt. alld. E	lb.	.08	- —
5, bbls., bgs., c.l., frt. alld. E.	lb.	.06½	- —
l.c.l., frt. alld. E	lb.	.07	- —
6, bbls., bgs., c.l., frt. alld. E.	lb.	.05½	- —
l.c.l., frt. alld. E.	lb.	.06	- —
7, bbls., bgs., c.l., frt. alld. E.	lb.	.06	- —
l.c.l., frt. alld. E	lb.	.06½	- —
Bone black prices on Pacific Coast are 1c per lb. higher, ex dock or ex whse.			
Black, carbon, special, 1, bgs., c.l., works	lb.	.05	- —
l.c.l., dlvd.	lb.	.07½	- —
ctns., l.c.l., dlvd	lb.	.08¾	- —
cs., l.c.l., dlvd	lb.	.09	- —
2, bgs., c.l., works	lb.	.08¼	- —
l.c.l., dlvd.	lb.	.10½	- —
cs., l.c.l., dlvd	lb.	.12	- —
3, bgs., c.l., works	lb.	.13	- —
l.c.l., dlvd.	lb.	.14½	- —
cs., l.c.l., dlvd	lb.	.16½	- —
4, bgs., c.l., works	lb.	.27½	- —
l.c.l., dlvd.	lb.	.30	- —
cs., c.l., works	lb.	.29	- —
l.c.l., dlvd	lb.	.33	- —
5, bgs., cs., c.l. works	lb.	.40	- —
cs., l.c.l., dlvd	lb.	.44	- —
6, cs., l.c.l., dlvd	lb.	.99	- —
7, cs., l.c.l., dlvd	lb.	1.10	- —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra).	lb.	.0445	- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)	lb.	.0475	- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)	lb.	.0490	- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)	lb.	.0500	- —
D (Ill., Ia., Wis.)	lb.	.0490	- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)	lb.	.0505	- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)	lb.	.0525	- —
G (Mexico)	lb.	.0455	- —
l.c.l., dlvd., all zones	lb.	.07	- —
ctns., l.c.l., dlvd. all zones	lb.	.07¾	- —
cs., l.c.l., dlvd. all zones	lb.	.08½	- —
export, full, compressed, cs., f.a.s. Gulf ports	lb.	.06½	Nom.
uncompressed, cs., f.a.s. Gulf ports	lb.	.06	Nom.
Charcoal (see C).			
Graphite (see G).			
Iron oxide, magnetic, 1, bbls., l.c.l., works	lb.	.07¾	- .08½
2, bbls., l.c.l., works	lb.	.07	- —
pure, bbls., works	lb.	.09¾	- —
Ivory, genuine, bbls	lb.	.30	- .35
Lamp, dom., 1, ctns., c.l., works	lb.	.07	- —
l.c.l., works	lb.	.08	- —
2, ctns., c.l., works	lb.	.09	- —
l.c.l., works	lb.	.10	- —
2A, ctns., c.l., works	lb.	.11	- —
l.c.l., works	lb.	.12	- —
3, ctns., c.l., works	lb.	.13	- —
l.c.l., works	lb.	.14	- —
4, ctns., c.l., works	lb.	.14	- —
l.c.l., works	lb.	.15	- —
5, ctns., c.l., works	lb.	.17	- —
l.c.l., works	lb.	.18	- —
6, ctns., c.l., works	lb.	.24	- —
l.c.l., works	lb.	.25	- —
7, ctns., c.l., works	lb.	.34	- —
l.c.l., works	lb.	.35	- —
import, 1, bbls., c.l., f.o.b. N. Y.	lb.	.08	- —
l.c.l., f.o.b. N. Y.	lb.	.09	- —
2, bbls., c.l. f.o.b. N. Y.	lb.	.11	- —
l.c.l., f.o.b. N. Y.	lb.	.12	- —
3, bbls., c.l., f.o.b. N.Y.	lb.	.13	- —
l.c.l., f.o.b. N. Y.	lb.	.14	- —
4, bbls., c.l., f.o.b. N. Y.	lb.	.14	- —
l.c., f.o.b. N. Y.	lb.	.15	- —
5, bbls., c.l., f.o.b. N. Y.	lb.	.19	- —
l.c.l., f.o.b. N. Y.	lb.	.20	- —
6, bbls., c.l., f.o.b. N. Y.	lb.	.24	- —
l.c.l., f.o.b. N. Y.	lb.	.25	- —
Vine, A, bbls., works or N.Y.	lb.	.04¼	- —
B, bbls., works or N. Y.	lb.	.05¼	- —
Black dyes are listed under Dyes.			
Black haw root bark, bls	lb.	.23	- .25
Tree bark, bls	lb.	.13	- .14
Black Indian hemp root, bls	lb.	.12	- 13
Blanc fixe, dry, by-product, bgs., c.l.	ton.	60.00	-65.00
l.c.l.	ton.	65.00	-70.00
high grade precip., bgs, c.l., works, frt. equal.	ton.	70.00	- —
l.c.l., same basis	ton.	75.00	- —
pulp, 50%, bulk, c.l., works	ton.	40.00	-42.50
Bleaching powder, dms., c.l., works	100 lbs.	2.00	- 2.85
l.c.l., works	100 lbs.	2.25	- 3.35
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton,		4.25	- —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton,		4.50	- —
import, bgs., c.i.f. ports, Jan.-Feb. shipt., unit-ton,		3.90	- 4.00
soluble (see Albumen, blood)			
Bloodroot, bls	lb.	.14	- .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	.80	- —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.			
Bronze, bbls., same basis alkali toner, contracts	lb.	.36	- —
open order	lb.	.37	- —
Celestial, bbls	lb.	.10	- .18
Chinese, bbls., same basis alkali toner, contracts	lb.	.36	- —
open order	lb.	.37	- —
Cobalt, genuine, 1-kilo pkg	lb.	4.90	- —
Imitation (see Blue, ultramarine, group 6).			
Copper phthalocyanin, bbls., f.o.b. works, frt. alld.	lb.	4.75	- —
Milori, bbls., same basis alkali toner, contracts	lb.	.36	- —
open order	lb.	.37	- —
Potash, bbls., same basis alkali toner, contracts	lb.	.45	- —
open order	lb.	.46	- —
Prussian, bbls., same basis alkali toner, contracts	lb.	.36	- —
open order	lb.	.37	- —
Soluble, bbls., same basis alkali toner, contracts	lb.	.36	- -
open order	lb.	.37	- —
Ultramarine, dry, jobbing, bbls., works, frt. equaled	lb.	.10	- —
regular, 1, bbls., works, frt. equald.	lb.	.15	- —
2, bbls., same basis	lb.	.17	- —
3, bbls., same basis	lb.	.18	- —
4, bbls., same basis	lb.	.19	- —
5, bbls., same basis	lb.	.22	- —
6, cobalt, A., same basis	lb.	.26	- —
B, bbls., same basis	lb.	.23	- —
C, bbls., same basis	lb.	.22	- —
D, bbls., same basis	lb.	.21	- —
V. A, bbls., same basis	lb.	.22	- —
B, bbls., same basis	lb.	.21	- —

Amyl Acetate—Brown, Umber

Blue, ultramarine, dry, special, 1, bbls., same basis	lb.	.18	- —
2, bbls., same basis	lb.	.16	- —
3, bbls., same basis	lb.	.21	- —
4, bbls., same basis	lb.	.24	- —
5, bbls., same basis	lb.	.24	- —
6, bbls., same basis	lb.	.30	- —
pulp, 1, bbls., same basis	lb.	.26	- —
2, bbls., same basis	lb.	.24	- —
3, bbls., same basis	lb.	.22	- —
4, bbls., same basis	lb.	.19	- —
Ultramarine, blue, dlvd ex whse. in l.c. signer; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.			
Victoria, ink toner, bbls., same basis alkali toner	lb.	1.85	- —
Blue dyes are listed under Dyes.			
Bluedog root, bls	lb.	.15	- .16
Blue mass, USP., cns., kgs	lb.	1.00	- 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn.	100 lbs.	4.45	- —
16-25, same basis	100 lbs.	4.60	- —
6-15, same basis	100 lbs.	4.70	- —
3-5, same basis	100 lbs.	4.95	- —
1-2, same basis	100 lbs.	5.15	- —
monohydrated, dms., c.l., dealers, E. of Rockies	lb.	.08	- .081
jobbers, E. of Rockies	lb.	.08	- .081
l.c.l., dealers, E. of Rockies	lb.	.09	- .096
jobbers, E. of Rockies	lb.	.085	- .092
Bluestone (see Blue vitriol)			
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago	ton.	23.00	-24.00
c.i.f., Atlantic ports	ton.	32.50	Nom.
S.A., bgs., c.i.f. ports	ton.	31.50	- —
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago	ton.	18.00	-19.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports	ton.	24.25	- —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago	ton.	19.00	-21.00
import, 100-lb. bgs., c.i.f. ports	ton.	26.00	- —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)			
Borage flowers, bls	lb.	.21	- .23
Borax, tech., 99½%, cryst., bbls., contracts, 50 tons min., dlvd.	ton.	58.00	- —
c.l., dlvd	ton.	60.00	- —
l.c.l., ex whse.	ton.	65.00	-70.00
sks., contracts, 50 tons min., dlvd.	ton.	46.00	- —
c.l., dlvd	ton.	50.00	- —
l.c.l., ex whse.	ton.	55.00	-60.00
gran., bbls., contracts, 50 tons min., dlvd.	ton.	50.00	- —
c.l., dlvd	ton.	54.00	- —
l.c.l., ex whse.	ton.	59.00	-64.00
sks., contracts, 50 tons min., dlvd.	ton	40.00	- —
c.l., dlvd	ton.	44.00	- —
l.c.l., ex whse.	ton.	49.00	-54.00
powd., bbls., contracts, 50 tons min., dlvd.	ton.	55.00	- —
c.l., dlvd	ton.	59.00	- —
l.c.l., ex whse.	ton.	64.00	-69.00
sks., contracts, 50 tons min., dlvd.	ton.	45.00	- —
c.l., dlvd	ton.	49.00	- —
l.c.l., ex whse.	ton.	54.00	-59.00
USP., $15 per ton higher.			
Bordeaux mixture, dms., c.l., dealers, East of Rocky Mts.	lb.	.09½	- —
consumer, East	lb.	.10	- —
l.c.l., dealers, dms., East 1,000 lbs. and over	lb.	.10	- —
96 to 1,000 lbs	lb.	.10¼	- —
Single cases	lb.	.11½	- —
consumer, East, 1,000 lbs. and up	lb.	.10½	- —
less than 1,000 lbs	lb.	.11	- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.			
Borneol, bots	lb.	1.75	- 2.00
Brasilwood extract (see Hypernic).			
Brimstone (see Sulphur).			
Bromine, purif., c.s.,c.l.,works	lb.	.36	- —
1,000 lbs., works	lb.	.38	- —
smaller lots, works	lb.	.43	- —
Bromoform, USP, jars	lb.	1.75	- 1.80
Bronze powder, aluminum (see A).			
Gold, litho, cns., dms., over 10 lbs.	lb.	.40	- .65
moulding, cns., dms., over 10 lbs.	lb.	.55	- .80
printing ink, cns., dms., over 10 lbs.	lb.	.70	- 1.10
radiator, cns., dms., over 10 lbs.	lb.	.45	- .80
Broomtop, bls	lb.	.11	- .12
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works	lb.	.12½	- —
Metallic, bbls., works	lb.	.0215	- —
paper bgs., c.l., works	lb.	.02	- —
Sienna, burnt, American, bbls., works	lb.	.08	- —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points	lb.	.13	- —
2, bbls., same basis	lb.	.11	- —
3, bbls., same basis	lb.	.10	- —
4, bbls., same basis	lb.	.08½	- —
5, bbls., same basis	lb.	.08¼	- —
6, bbls., same basis	lb.	.08	- —
7, bbls., same basis	lb.	.07½	- —
8, bbls., same basis	lb.	.07¼	- —
9, bbls., same basis	lb.	.07	- —
10, bbls, same basis	lb.	.06¾	- —
11, bbls., same basis	lb.	.06½	- —
12, bbls., same basis	lb.	.06	- —
13, bbls., same basis	lb.	.05¾	- —
14, bbls., same basis	lb.	.05½	- —
raw, American, bbls., works,	lb.	.02¾	- —
Italian, 1, bbls., f.o.b. N.Y. or works	lb.	.12½	- —
2, bbls., same basis	lb.	.10¾	- —
3, bbls., same basis	lb.	.10¾	- —
4, bbls., same basis	lb.	.09¼	- —
5, bbls., same basis	lb.	.08¾	- —
6, bbls., same basis	lb.	.08¼	- —
7, bbls., same basis	lb.	.07½	- —
8, bbls., same basis	lb.	.07	- —
9, bbls., same basis	lb.	.06½	- —
10, bbls., same basis	lb.	.06¼	- —
11, bbls., same basis	lb.	.04¾	- —
Umber, Amerian, works	lb.	.03¾	- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.	lb.	.04	- —
St. Louis	lb.	.04¾	- —
ex car Los Angeles	lb.	.04½	- —
ex dock Portland, San Francisco, Seattle	lb.	.04¾	- —
ex whse. Boston	lb.	.04½	- —
Chicago, Indianapolis, New Orleans	lb.	.04¾	- —
Kansas City	lb.	.05	- —
Los Angeles, Portland, San Francisco, Seattle	lb.	.04½	- —
Minneapolis	lb.	.043	- —
Pittsburgh	lb.	.04½	- —

Brown, Vandyke—China Clay

Brown, Vandyke, bbls., l.c.l.	lb.	.05¾-	—
Walnut crystals, bbls.	lb.	.08	-
Brucine, cns.	oz.	.10	- .11
Sulphate, cns.	oz.	.07	- .08
Bryonia roots, bls.	lb.	.10	- .11
Buchu leaves, bls.	lb.	.60	- .65
Buckthorn bark, true, bls.	lb.	.04	- .05
Berries, bgs.	lb.	.19	- .20
Burdock root, bls.	lb.	.09½-	.10
Burgundy pitch, dom., bbls., c.l., works.	lb.	.05½-	—
l.c.l., divd, E.	lb.	.06	- —
import., stands.	lb.	.11	- .12
Butanes, coml., 16-32°, tanks, group 3	gal.	.03½-	.03¾
Butternut bark, bls.	lb.	.06½-	.07
Butyl acetate, norm., dms., c.l., contract, frt. alld.	lb.	.10	- —
l.c.l., contract, frt. alld.	lb.	.10½-	—
tanks, contract, frt. alld.	lb.	.09-	—
secondary, dms., c.l., f.o.b. dest.	lb.	.06½-	—
l.c.l., f.o.b. dest.	lb.	.09	- —
tanks, f.o.b. dest.	lb.	.07½-	—
Acohol (see Alcohol).			
Aldehyde, dms., c.l., works.	lb.	.19	- —
l.c.l., works	lb.	.21	- —
Carbinol (see Carbinol).			
Lactate, dms.	lb.	.25½-	.26¼
Propionate, dms., divd.	lb.	.16	- .18½
tanks, divd.	lb.	.17	- —
Butyric ether, dms.	lb.	.80	- .85

C

Cadmium bromide, bots., jars.	lb.	1.39	- 1.44
Iodide, bots., jars	lb.	3.65	- 3.70
Cadmopone (see Yellow).			
Metal, cs.	lb.	1.05	- —
Red (see Red).			
Sulphide (see Yellow).			
Caffeine, 100 lb., dms; 10,000 lbs. or more	lb.	2.05	- —
2,000 lbs., or more	lb.	2.10	- —
1,000 lbs., or more	lb.	2.15	- —
100 lbs.	lb.	2.25	- —
25 lb., dms., 10,000 lbs., or more	lb.	2.08	- —
2,000 lbs., or more	lb.	2.10	- —
1,000 lbs., or more	lb.	2.13	- —
100 lbs.	lb.	2.23	- —
25 lbs.	lb.	2.40	- —
10, lb., cns., 10,000 lbs., or more	lb.	2.10	- —
2,000 lbs., or more	lb.	2.15	- —
1,000 lbs., or more	lb.	2.20	- —
100 lbs.	lb.	2.30	- —
less than 100 lbs.	lb.	2.45	- 2.60
5 lb., cns., 25 lbs., or more	lb.	2.40	- —
less than 25 lbs.	lb.	2.55	- 2.70
Citrated, cns.	lb.	1.70	- 1.75
Hydrobromide, bots., jars	lb.	4.82	- 4.87
Calabar beans, bgs.	lb.	.15	- .16
Calamus root, bleached, cs.	lb.	.45	- .50
Calcium acetate, bgs., divd.	100 lbs.	2.19	- —
Arsenate, dms., c.l., consumers,	lb.	.06½-	—
dealers	lb.	.06¼-	—
1,000 lbs. and up, dms., consumer	lb.	.07	- —
dealers, dms.	lb.	.06¾-	—
less than 1,000 lbs., consumer, dms.	lb.	.07½-	—
dealers, dms.	lb.	.07¼-	—

Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.

Bromide, jar	lb.	.60	- .62
Carbide, dms.	lb.	.05	- .06
Carbonate (see Chalk and Whiting)			
Calcium chloride, flake, dom., 77-82%, bgs., dms., c.l., divd.	ton.	22.00	-35.00
l.c.l., 1 ton or over, divd.	100 lbs.	1.70	- 2.35
liquor, basis 40%, tanks, works	ton.	7.50	- —
solid, dom., 75-75%, bgs., dms., c.l., divd.	ton.	20.00	-30.00
l.c.l., 1 ton or over, divd.	100 lbs.	1.60	- 2.25
Gluconate, pharm., gran., powd., bbls. (135 lbs.)	lb.	.50	- —
25 lbs.	lb.	.57	- —
Glycerophosphate, bbls., kgs., 100 lbs.	lb.	1.15	- —
Hypophosphite, cns.	lb.	.62	- .67
Iodide, bots., jars	lb.	3.70	- 3.75
Lactate, USP, bbls.	lb.	.25	- .26
Nitrate, bgs., to fert. mfrs., ex vessel	ton.	26.10	- —
Palmitate, bbls.	lb.	.21	- .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.l.f. Atlantic ports.	unit-ton.	.70	- —
tri-basic, precip., c.l., bbls., works.	lb.	.06½-	—
l.c.l., bbls.	lb.	.07½-	—
Resinate, precip., bbls., 1 ton,	lb.	.13	- —
smaller lots	lb.	.14	- —
Stearate, precip., bbls., cns., c.l.	lb.	.19	- —
1 ton	lb.	.20	- —
smaller lots	lb.	.21	- —
Sulphate (see Gypsum)			
Sulphide, 75%, CaS (minus 100 mesh, c.l., works	ton.	52.00	- —
l.c.l. works	ton.	56.00	- —
83/85 CaC c.l., works	ton.	58.00	- —
l.c.l., works	ton.	64.00	- —
luminous, dom., tins, works	lb.	.75	- —
Sulphocarbolate, cs.	lb.	.47	- .48
Calendula flowers, bls.	lb.	.85	- .90
Calomel, bxs., kgs.	lb.	1.40	- —
Camphor, natural, powd., cs.	lb.	.52	- .56
slabs, cs.	lb.	.53	- .55
tablets, tins	lb.	.57	- .59
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs.	lb.	.48	- —
500 lbs.	lb.	.50	- —
100 lbs.	lb.	.51	- —
tablets, cs., 2,000 lbs.	lb.	.54	- —
500 lbs.	lb.	.56	- —
100 lbs.	lb.	.57	- —
Monobromate, bxs., kgs.	lb.	1.60	- 1.65
Canada balsam (see Fir balsam)			
Canary seed, Argentine, bgs.	lb.	.05¾-	.06¼
Morocco, bgs.	lb.	.06	- .06½
Turkish, bgs.	lb.	.06¾-	.06¾
Canella alba bark, bls.	lb.	.37	- .39
Cannabis herb, bls.	lb.	.18	- .20
Cantharides, Chinese, cs.	lb.	.80	- .85
powd., bxs.	lb.	.85	- .90
Russian, cs.	lb.	1.40	- 1.45
powd., bxs.	lb.	1.80	- 1.85
Capsicum (see Pepper, red).			
Caraway seed, Dutch, bgs.	lb.	.08	- .08½
Carbasole, 70-80%, dms.	lb.	.80	- —
90%, dms.	lb.	.89	- —
98-99%, dms.	lb.	.92	- —
Carbinol, butyl, norm., dms., works.	lb.	.80	- —
small lots, works	lb.	.75	- —
secondary, dms., works	lb.	.80	- —
small lots, works	lb.	.75	- —
Diethyl, dms., works	lb.	.80	- —
small lots, works	lb.	.75	- —
Isobutyl, 128-132°, dms., c.l., works.	lb.	.83	- —
l.c.l., works	lb.	.84	- —
tanks, works	lb.	.83	- —
Methylpropyl, dms., works	lb.	.80	- —
smaller lots, works	lb.	.75	- —
Dimethylethyl, dms., works.	lb.	.80	- —
small lots, works	lb.	.75	- —
Carbon bisulphide, dms.	lb.	.05¼-	.05½
tanks	lb.	.04½-	—
Dioxide, cyls.	lb.	.06	- .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va.	lb.	.05¼-	—
l.c.l., same basis	lb.	.05¾-	—
10-gal. dms., c.l. (20 tons), same-basis	lb.	.07	- —
l.c.l., same basis	lb.	.08	- —
5-gal. dms., c.l. (20 tons), same basis	lb.	.07	- —
l.c.l., same basis	lb.	.08	- —
tanks, same basis	lb.	.05	- —
Fire extinguisher liquid, 2c. lb. higher.			
Cardamon, bleached, cs.	lb.	1.10	- 1.20
decorticated, cs.	lb.	1.30	- 1.40
green, bgs.	lb.	.94	- .98
Carvol, bots.	lb.	4.00	- 4.25
Cascara sagrada bark, bulk	lb.	.12	- .13
Case-hardening mixture, 45%, gran., dms., l.c.l.	lb.	.11¾-	—
lump, dms., l.c.l.	lb.	.10¾-	—
80%, lump, dms. l.c.l.	lb.	.09	- —
Casein, dom., 20-30 mesh, bgs., c.l., divd.	lb.	.19½-	—
5 tons, works	lb.	.19¾-	—
smaller lots, works	lb.	.20¾-	—
80-100 mesh, bgs., c.l., divd.	lb.	.20	- —
5 tons, works	lb.	.20¼-	—
smaller lots, works	lb.	.21¼-	—
import, Argent., 20-30 mesh bgs., c.l., duty pd.	lb.	.19½-	—
80-100 mesh, bgs., c.l. duty pd.	lb.	.20	- .20½
French, 30 mesh, bgs., c.l., duty pd.	lb.	No prices.	
Cassia, Batavia, 1, bgs.	lb.	.13½-	.14
3, bls.	lb.	.07½-	.08
short, stick, bls.	lb.	.11½-	.12
China, rolls, select, cs.	lb.	.05¼-	.05¾
broken, extra bls.	lb.	.04	- .04½
Saigon, bls.	lb.	.15½-	.16
Cassia buds, cs.	lb.	.14½-	.15
Cassia, fistula, bskts.	lb.	.09	- .10
Castile soap, white, bars, cs.,	40 lbs.	20.00	- —
powd., bbls.	lb.	.28	- .34
Castoreum, nat., cns.	lb.	15.00	-18.00
synth., bots.	lb.	19.00	- —
Castor oil (see Oil, castor)			
Pomace, dom., 5½% ammon., bgs., c.l., works.	ton.	20.00	- —
import, bgs., c.i.f., ports, shipment.	ton	No prices	
Catnep leaves, bls.	lb.	.18	- .19
Celery seed, French, bgs.	lb.	.21½-	.22
Indian, bgs.	lb.	.17½-	.17¾
Celluloid scrap, amber, cs.	lb.	.12	- .13
black, cs., works	lb.	.08	- .09
China white, ivory, cs., works.	lb.	.12	- .13
dense white, cs., works	lb.	.11	- .12
grey, cs., works	lb.	.09	- .10
mixed, mottles, opaques, cs., works.	lb.	.05	- —
shell-demi, cs., works	lb.	.09	- .10
translucent pastels, cs., works.	lb.	.13	- .14
transparent, cs., works	lb.	.12	- .13
colors, cs., works	lb.	.08	- .09
Shavings, amber, cs., works.	lb.	.13	- —
colored, mixed, cs., works.	lb.	.09	- —
white, cs., works	lb.	.12	- —
Cellulose acetate, flake, cs., 2,000 lbs., works.	lb.	.55	- —
1,000 lbs., works	lb.	.56	- —
500 lbs., works	lb.	.57½-	—
100 lbs., works	lb.	.60	- —
scrap, transparent, bgs., works.	lb.	No stocks	
Cement, white, bbls. (4 bags), 5 tons, divd. N.Y.	bbl.	6.10	- —
less than 5 tons, truck divy.	bbl.	6.00	- —
Cerium hydrate, dms., works.	lb.	.65	- —
Oxalate, USP, bbls., works.	lb.	.28	- —
kgs., works	lb.	.30	- —
Chalk, precip., ext. light, csks., c.l.	lb.	.03	- .04
heavy, csks., c.l.	lb.	.03	- .04
light, csks., c.l.	lb.	.02	- .04
Chamomile flowers, Hungarian, genuine, cs.	lb.	.20	- .21
Roman, bls.	lb.	.28	- .30
Charcoal, softwood, powd., bgs., c.l., divd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	30.40	- —
Conn., Me., Mass., N. H., R. I., Vt.	ton.	30.80	- —
Ill., Wis.	ton.	27.00	- —
Indiana	ton.	28.00	- —
Mich., Ohio, Penn.	ton.	29.80	- —
Willow, powd., bbls.	lb.	.06	- .07
Chestnut extract, clarif., 25% tan., bbls.	lb.	.01625-	—
tanks	lb.	.02	- —
powd., bgs., works	lb.	.04¾-	—
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works.	ton.	8.50	- —
l.c.l., works	ton.	9.00	-15.00
bulk, c.l., works.	ton.	6.00	- —
99.75% 300 mesh, bgs., c.l., works.	ton.	7.50	- —
l.c.l., works	ton.	8.50	-14.00

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China clay, dom., wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 5.00 - —
paper bgs., c.l., works, ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -35.00
powd., csks., l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
drms., 1,000 lbs.....lb. .89 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .06½- —
contracts., dlvd., N.Y.....lb. .06½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 8 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald.... 100 lbs. 2.55 - —
1, works, frt. equald.... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works..lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. drms.....lb. .22 - —
50-lb. tins.....lb. .32 - —
USP 650-lb. drms.....lb. .30 - —
100-lb. drms.....lb. .32 - —
50-lb. drms.....lb. .33 - —
Chloropicrin, coml., cyls., works, lb. .85 - .90
Chrome acetate, bbls.....lb. .06 - .08
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. drms..lb. .40 - .45
powd., bxs., cns., fib. drms. lb. .40 - .45
scales, bxs., cns., fib. drms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 1 3.50
Cinchona bark, chips, bgs....lb. .20 - .22
high test, bgs.....lb.
quills, broken, bgs.....lb. .20 - .22
long, cs.....lb. .55 - .60
short, bgs.....lb.
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, cryst., powd., cns.oz. .80 - .87
Sulphate, cns.....oz. .47 - —
Cinchonine, cryst., powd., cns.oz. .50 - .58
Sulphate, cns.....oz. .24 - —
Cinchophen, USP., bbls.....lb. 3.00 - —
bxs., drms., kgs.....lb. 3.05 - 3.10
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .15½- .16½
3, bls.....lb. .15¼- .15¾
Citral, cns.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots.....lb. 1.10 - 1.25
Citronellol, bots.....lb. 1.80 - 1.90
Clove, Madagascar, bls.....lb. .15 - .16½
Zanzibar, bls.....lb. .15½- .16
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l. works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l. works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.42½- —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.66 - 1.70
Linoleate, paste, 6%, dms...lb. .51½- —
solid, 8½%, bbls.....lb. .52½- —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .13 - —
1%, bbls.....lb. .12½- —
2%, bbls.....lb. .16¾- .17
3%, bbls.....lb. .17½- .18
precip., dms., dlvd.....lb. .30½- —
Sulphate, dms.....lb. .51 - .58
Cocaine hydrochloride, cns....oz. 9.75 -10.00
Cochineal, gray, bgs.....lb. .62 - .86
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .20 - .21
Cocoa butter, lump, bgs., c.l..lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 -11.75
Hydrochloride, cns., 100 ozs..oz.10.50 -10.55
Phosphate, cns., 100 ozs....oz. 9.00 - 9.05
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06 - .07
Colchicine, vls.....oz.24.00 -35.00
Colchicum seed, bgs.....lb. .23 - .26
Collodion, USP, dms.....lb. .12 - .13
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .12 - .13
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .06 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .28 - .29
S.A., USP, cns.....lb. .30 - .31
Copper carbonate, 52-59%, bbls.lb. .14½- .16¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11%- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .15¼- —
smaller, lots, works.....lb. .15¾- —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., grnn., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works .....100 lbs. 1.50 - —
1-4, works .....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0510 Nom.
Coriander seed, Morocco, bgs..lb. .04 - .04½
bleached, bgs.....lb. .06¼- .06¾
Russian, bgs, lbs.....lb. No stocks.
Corn sugar, tanners, bbls., dlvd. 100 lbs. 3.88 - —
ex whse.....100 lbs. 3.78 - —
Syrup, 42°, bbls.....100 lbs. 3.80 - —
43°, bbls.....100 lbs. 3.90 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, cryst., bxs., fib. drms., kgs..lb. 1.20 - —
gran., bxs., fib. drms, kgs....lb. 1.05 - —
powd., bxs., fib. drms., kgs...lb. 1.05 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-50% pot-ash bulk, dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. ons..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, cryst., bbls.....lb. .16¾- .17½
kgs. .....lb. .17½- .17¾
gran., bbls.....lb. .16¾- .16¾
kgs. .....lb. .16¾- .17½
powd., bbls.....lb. .16½- .16¾
kgs. .....lb. .16¾- .17½
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13 - .13½
Coaltar solution, tanks, works gal. .113 - .126
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .16 - .18½
Cresol, US.P, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipm't., f.o.b. N. Y. C., fr't., equal'd., with shipm'ts., from Newark, Balto., and West Coast ports.....lb. .28 - —
30,000 lbs., contract, same basis..lb. .28½- —
10,000 lbs., same basis.lb. .29 - —
2,000 lbs., same basis.lb. .30 - —
200 lbs., same basis..lb. .33 - —
less than 200 lbs., same basis..lb. .36 - —
4% rotenone prices 5c. per lb. less.
Cubeb berries, XX, bgs.....lb. .34 - .35
powd., cs.....lb. .38 - .50
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .08¾- .09
Indian, bgs.....lb. .08¾- .08¾
Morocco, bgs.....lb. .08¾- .09¼
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3unit. 1.10 - —
Atlantic ports, NH_3unit. 1.05 - —
Cyanide-chloride mixture, 75% gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .13 - .14
Dandelion root, German, bls..lb. .23 - .25
Deertongue leaves, bls.....lb. .11 - .12
Degras, common, dom., bbls...lb. .07¾- .08
English, bbls. .....lb. .07¾- .08
neutral, dom., bbls.....lb. .11½- .13
English, bbls. .....lb. .11½- .13
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., fr't., equal'd with shipments from Newark, Balto., and West Coast ports.....lb. .29 - —
30,000 lbs., contract, same basis..lb. .29½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
200 lbs., same basis..lb. .44 - —
less than 200 lbs., same basis..lb. .47 - —
4% rotenone prices 6c. per lb. less.
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.55 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.20 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works, lb. .065 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
oxalate, dms., l.c.l., works...lb. .30 - —
Diamyl phthalate, dms., c.l., dlvd. lb. .19½- —
l.c.l., dlvd.....lb. .20 - —
tanks, dlvd.....lb. .18¾- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., l.c.l. works lb. .75 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works .....lb. .085 - —
Dianisidin, bbls. .....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .19½- .20
Tartrate, dom., dms.....lb. .35 - .40
import., dms. .....lb. .30 - .35
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentanes, dms., c.l., works..lb. .032 - —
l.c.l., works .....lb. .04 - —
tanks, works .....lb. .025 - —
Diethanolamine, dms. .....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31½- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbino)
Phthalate, dms., c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
tanks .....lb. .17 - —
Diethylaniliin, dms.....lb. .50 - —
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .18 - —
l.c.l., works .....lb. .19 - —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l., dms., works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .26 - .30
Diglycol oleate, light, bbls....lb. .24 - —
Dillseed, recleaned, bgs.....lb. .06¾- .07¼
Dimethyl phthalate, dms.....lb. .20½- .21
Dimethylaniliin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobensene, bbls. .....lb. .17 - .17½
purified, bbls. .....lb. .19 - .19½
Dinitrochlorobensene, bbls. ....lb. .14½- .15½
Dinitronaphthalene, kgs. .....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .23 - .24
Dinitrotoluene, dms, ...lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works .....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls. .....lb. .31 - .33
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots. .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, di-basic)
Divi-divi, bgs., shipment....ton.32.00 -35.00
Extract, 25% tan., bbls.....lb. .06 - .06½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls. .....lb. .06½- .07
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet .....lb. .90 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .70
180 Fast red VR.....lb. 1.50 - 1.85
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow .....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
383 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
513 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
596 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet .....lb. 1.00 - 5.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .25 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .19
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive .....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
..... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobensene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.25 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow—lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray .....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .57 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1064 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Dyes, coaltar, for general uses (numbers are those of color index scale):—
Brown:—
234 Resorcin brown Y...lb. .35 - —
235 Resorcin dark brown R. lb. .30 - —
281 Bismarck brown G..lb. .33 - —
282 Bismarck brown R..lb. .37 - —
798 Phosphin .....lb. 4.05 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
607 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .53 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .62 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .68 - —
Yellow:—
10 Naphthol yellow S..lb. .60 - —
138 Metanil yellow.....lb. .35 - —
636 Fast light yellow...lb. 1.25 - —
659 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .90 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .21 - .22
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .62 Nom.
import, cs.....lb. .52 - .55
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .18 - .20
select, bndls., cs.....lb. .35 - .38
Emetine hydrochloride, bots., vls. oz.15.00 -15.25
Ephedra, bls.....lb. .96 - .97
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs..oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.15 - —
smaller lots.....lb. 2.40 - —
bbls., c.l.....lb. 2.00 - —
l.c.l., 5,000 lbs, 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
kgs., c.l.....lb. 2.25 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.50 - —
smaller lots.....lb. 2.75 - —
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs, dms.....lb. 1.50 Nom.
Eserine, bots., vls.....oz.42.00 -42.25
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.50.00 -50.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb .09 - —
USP, anesthesia, dms.....lb. .36 - .37
USP, 1880, dms.....lb. .39 - .42
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .06¾- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07¼- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .29
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .23 - —
5-gal. dms., works.....lb. .26 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylbenzylaniliin, dms.....lb. .36 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.lb. .0545- West of Rockies, same basis .....lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld....lb. .0644- West of Rockies, same basis .....lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks, works .....lb. .17 - —
Ethylidinaniliin, dms. .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .54 - .55
Eucalyptus leaves, bls.....lb. .08 - .09
Eugenol, cns. .....lb. 1.35 - 1.38
Euphorbia, bls.....lb. .09 - .09½

Feldspar—Hydrangea Root

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.50
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs, lb. .07½- .08
India bgs.....lb. .07½- .08
German, large, bgs.....lb. .13 - .15
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .05 - .05½
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works. lb. .12½- .13
smaller lots, E. works. lb. .12½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.75 -13.00
Oregon, bbls.....gal. 3.00 - 3.25
Fish berries, bgs.....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. No Prices
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.56.00 - —
wet, acidulated, 6-7% ammon., 8-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices.
Japanese, 11½% ammon., bgs., c.i.f. ports, shipt., No. 1 grade..ton. No Prices
Flake white, bbls., kgs.....lb. .00½- .10¼
Flaxseed, French, black, bgs..lb. .12 - .12½
Indian, blonde, bgs.....lb. .08½- .09
Fluorspar, enamel, 96-98%, bgs., ton.31.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.16.00 Nom.
import., bulk, Atlantic ports, duty-paid..ton.22.50 Nom.
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.19.00 -20.00
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No Prices
Formaldehyde, bbls., c.l. works, lb. .05½- —
l.c.l., works.....lb. .06½- —
dms., c.l., works.....lb. .05½- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .12 - .13
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works .....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms. incl., dlvd, lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .25
liquid, bbls.....lb. .08½- .09
solid, dms.....lb. .10 - .10

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls.....lb. .08 - .10
Gasoline, at refinery:—
Bayonne, US motor, 63-63 octane, tanks..gal. .06½- —
65 octane, tanks.....gal. .06¾- —
above 65 octane, tanks.gal. .07 - —
California, 56-58, 375 e.p., tanks..gal. .07½- —
Gulf Coast, US motor, bulk, export..gal. .05½- —
60-62, 390 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p , bulk, export, gal. .05¼- —
64-66, 375 e.p., bulk, export, gal. .05¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05½- .05¾
63-67 octane, tanks....gal. .06¼- .06½
68-70 octane, tanks....gal. .06½- .06¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½- .05
63-67 octane, tanks....gal. .05 - .05½
68-70 octane, tanks....gal. .05½- .05¾
60-62, 400 e.p., tanks....gal. .04¾- .04¾
64-66, 375 e.p., tanks....gal. .05 - .05¼
natural, 12-lb. v.p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .06½- —
18-lb. v.p., tanks.....gal. .051 - —
22-lb. v.p., tanks.....gal. .0467- —
26-70-lb. v.p., tanks...gal. .04¼- —
Pennsylvania, US motor, tanks, gal. .05½- .07¼
82-54, 450 e.p., naphtha, tanks..gal. .05¾- —
60-62, 400 e.p., strt. run, tanks..gal. .05½- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta .....gal.	.205	.225
Boston .....gal.	.135	.155
Chicago .....gal.	.137	.177
Cincinnati .....gal.	.175	.185
Denver .....gal.	.17	.19
Louisville .....gal	.18	.20
Minneapolis .....gal.	.161	.181
New Orleans.....gal.	.195	.23
New York.....gal.	.15	.182
San Francisco.....gal.	.17	.18

Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .12 - .13
grd., bbls, bxs.....lb. .14 - .15
powd., bbls., bxs.....lb. .15 - .16
Geraniol, cns. .....lb. .75 - 2.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .15¾- .16¼
Cochin, lemon, bgs.....lb. .18¾- .19¾
Jamaica, bold, bgs.....lb. .18 - .18½
grinding, bright, bgs.....lb. .13½- .14
medium, bold, bgs.....lb. .14 - .14½
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 5.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
28/58, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
38/82, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
48/108, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East. Midwest..lb. .17½- —
l.c.l., same bagis.....lb. .18 - —
60/164, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192, bgs., c.l., same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251, bgs., c.l., same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/283, bgs., c.l., same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bga., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
118/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .23½- .24½
resellers, cns., l.c.l.....lb. .28 - .30
dms., extra, c.l. .....lb. .21½- —
l.c.l. .....lb. .22 - .23
dynamite, dms., extra, c.l....lb. .21½- —
l.c.l. .....lb. .23 - .28
saponification, basis 88%, dms. returnable, dlvd..lb. .17½- .18½
soapIye, basis 80%, dms. returnable, dlvd..lb. .16 - .17
yellow, distilled, dms. extra, c.l. lb. .21½- —
l.c.l. .....lb. .21½- .22½
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .23 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seeds, bgs....lb. No stocks.
Golden seal root, bls.....lb. 2.85 - 2.90
powd., bxs.....lb. 3.10 - 3.15
Grains of paradise, bgs.....lb. .20 - .22
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06½- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .07¾- .08
white, trcs.....lb. .08¼- .09
yellow, trcs.....lb. .08 - .08½
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20% bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

reduced, C.P. color content up to 5%, bbls., same basis..lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bb.s., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
chrome oxide, dom., pure, bbls...20 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .18 - .20
import, bbls., kgs., f.o.b. N.Y..lb. .21 Nom
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.05 - 1.92
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .70 - .75
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs..lb. .09¾- .10
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .13 - .14
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.05 - 1.35
Sumatra, cs.....lb. .40 Nom.
Camphor (see C)
Chicle, bgs.....lb. .35 - .40
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .42½- —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy white, bgs., c.l. same basis..lb. .26 - —
3, selected pale straw bold, bgs., c.l. same basis..lb. .12½- —
4, pale bold straw, bgs., c.l., same basis..lb. .16½- —
5, pale straw bold, bgs., c.l., same basis..lb. .13½- —
6, pale amber bold, bgs., c.l., same basis..lb. .12½- —
7, pale straw bold, bgs., c.l., same basis..lb. .13¾- —
8, light amber bold, bgs., c.l., same basis..lb. .10½- —
9, medium light amber bold, bgs., c.l., same basis..lb. .07¾- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .06¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .05½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .17½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05½- —
17, pale fingers, bgs., c.l., same basis..lb. .15¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .10 - —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06¾- —
21, ordinary selected nubs, c.l., same basis..lb. .06 - —
22, small mixed nubs, bgs., c.l., same basis..lb. .05½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05½- —
26, pale bold chips, bgs., c.l., same basis..lb. .05¾- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¼- —
East India, Batu, bold scraped, bgs., c.l., same basis...lb. .06 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe Macassar, pale, bold bgs., c.l., same basis.lb. .12¾- —
chips, bgs., c.l., same basis..lb. .06½- —
dust, bgs., c.l., same basis lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10 - —
Manila, Bocas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18½- —
loba A, bskts., c.l., same basis..lb. .09¾- —
B, bskts., c.l., same basis.lb. .09¼- —
C, bskts., c.l., same basis.lb. .08¾- —
CNE, bskts., c.l., same basis..lb. .07½- —
D, bskts., c.l., same basis.lb. .08 - —
DK, bskts., c.l., same basis lb. .06¾- —
DU, bskts., c.l., same basis lb. .06¾- —
dust, bskts., c.l., same basis. lb. .05 - —
Sambas and white split chips, bskts., c.l., same basis..lb. .12¼- —
Singapore, dust, bskts., c.l., same basis..lb. .05 - —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08 - —
DBB, bskts., c.l., same basis lb. .08 - —
M.A., bskts., c.l., same basis lb. .06¾- —
MB, bskts., c.l., same basis. lb. .06¼- —
WS, bskts., c.l., same basis. lb. .06½- —
Philippine Manila amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .06½- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .08½- —
nubs, bskts., c.l., same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14½- —
mixed, bgs., c.l., same basis lb. .12¾- —
chips, bgs., c.l., same basis..lb. .08½- —
nubs, bgs., c.l., same basis..lb. .12 - —
split, bgs., c.l., same basis..lb. .12¾- —
Gum, dammar, Batavia A, cs., c.l., same basis as copal..lb. .22½- —
A/D, cs., c.l., same basis..lb. .17½- —
A/E, cs., c.l., same basis..lb. .14½- —
B, cs., c.l., same basis...lb. .20¾- —
C cs., c.l., same basis...lb. .17½- —
D, cs., c.l., same basis..lb. .14¾- —
dust, cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07½- —
F, cs., c.l., same basis...lb. .06½- —
Singapore, 1, cs, c.l., same basis..lb. .17½- —
2, cs., c.l., same basis...lb. .14½- —
3, cs., c.l., same basis...lb. .05½- —
chips, cs., c.l., same basis.lb. .09¾- —
dust, cs., c.l., same basis.lb. .05 - —
seeds, cs., c.l., same basis.lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .10 - —
c.l., single shipment, dlvd. lb. .10 - —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .10¼- —
smaller lots, dlvd.....lb. .10½- —
Euphorbium, cs. .....lb. .11 - .1
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, sotuble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - -
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bxs. .....lb. .05 - .06
Thus, bbls.....280 lbs.12.00 Nom.
strained, bbls.....280 lbs.12.00 Nom.
Tragacanth, Aleppo, 1, cs....lb. 2.40 - 2.50
2, cs. .....lb. 2.00 - 2.10
3, cs. .....lb. 1.95 - 2.05
4, cs. .....lb. 1.85 - 1.95
5, cs. .....lb. 1.65 - 1.75
Flake, bgs. .....lb. .30 - .75
Yacca, bgs., c.l., same basis as copal..lb. .06¼- —
powd., bgs., c.l., same basis, lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Helfotropin. cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls. lb. 12 - .13
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls. lb. .03½- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .21 - .22
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09¾- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10¾- —
Hexalin, dms. .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10¾- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.00 - —
Hops, dom., 1935 crop, bls....lb. .26 - .52
import., 1935 crop, bls.....lb. .55 - .80
Horehound, bls. .....lb. .07 - .07½
Hydrangea root, bls.....lb. .08 - .09

Hydrastine, vls	os.	17.00	-17.25
Hydrochloride, vls	os.	17.00	-17.25
Sulphate, vls	os.	19.00	-19.25
Hydrastis (see Golden seal).			
Hydrofuramide, dms., 100 lbs. or more, works	lb.	.30	—
fib. ctns., works	lb.	.40	—
Hydrogen, peroxide, USP, bbls.	lb.	.08¾-	.04
100 vols., cbys., E. of Miss. R.	lb.	.20	—
W. of Miss. R.	lb.	.21	—
Hydroquinone, bbls., kgs	lb.	1.10	- 1.15
Hyoscine hydrobromide, vls	os.	18.00	-18.25
Hyoscyamine, vls	os.	15.00	—
Hydrobromide, vls	os.	15.00	—
Sulphate, vls	os.	15.00	—
Hypernic, liq., 51°, bbls	lb.	.15	- .20
solid, bxs	lb.	.17	- .20

I

Iceland moss, bls	lb.	.12	- .13
Ichthyol, bots	lb.	4.00	- 4.05
Indian red (see Red, Indian).			
Indigo, nat., Bengal, bbls	lb.	2.40	- —
synth., liq., bbls	lb.	.13	- .14
powd., bbls	lb.	1.00	- —
Indol, CP, bots	lb.	34.00	-36.00
Insect flowers (see Pyrethrum).			
Iodine, crude, kgs	lb.	.90	- —
resubl., kgs	lb.	1.50	- 1.55
tincture, bbls	gal.	1.90	- —
Iodoform, kgs., 100 lbs	lb.	3.75	- 3.80
Ionone, bots	lb.	3.25	- 4.00
Ipecac root, bgs	lb.	.95	- 1.00
powd., bxs	lb.	1.10	- 1.15
Irish moss, ordinary, bls	lb.	.11	- .12
powd., 80-90 mesh, bbls	lb.	.22	- .30
prime, bleached, bls	lb.	.18	- .19
Iron acetate, CP, 17% solut., bbls.	lb.	.03	- .04
Chloride, tech., cryst., bbls., kgs	lb.	.05	- .08
USP, cryst., bbls	lb.	.07½-	.09
solut., cbys	lb.	.06¼-	.06½
Citrate, USP VIII, pearls, cns.,	lb.	.72	- —
powd., cns	lb.	.84	- —
scales, cns	lb.	.77	- —
Hypophosphite, cns	lb.	1.55	- 1.60
Iodide, bots	lb.	2.85	- 2.90
syrup, djns	lb.	.37	- .38
Nitrate, comi., kgs	lb.	.02¾-	.03
Iron oxalate, powd., kgs	lb.	.47	- .50
scales, cns	lb.	.83	- .85
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns.	lb.	.54	- —
scales, cns	lb.	.59	- —
Ferrous, cns	lb.	.35	- —
Pyrophosphate, pearls, cns	lb.	.59	- —
scales, cns	lb.	.64	- —
Reduced, 90%, cs	lb.	.60	- .65
Sulphate, tech. (see Copperas).			
USP, cryst., bbls	lb.	.04¼-	.04½
Iron-ammonia citrate, brown, gran., cns	lb.	.37	- .38
pearls, cns	lb.	.37	- .38
scales, cns	lb.	.47	- .48
green, gran., cns	lb.	.37	- .38
pearls, cns	lb.	.37	- .38
scales, cns	lb.	.47	- .48
Oxalate, cryst., bbls., kgs	lb.	.24½-	.25½
Iron-potash oxalate, cryst., bbls., kgs	lb.	.42	- .43
Iron-soda oxalate, cryst., bbls., kgs	lb.	.24½-	.25½
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.49	- —
small lots, works	lb.	.58	- —
Isopropanol, see Alcohol, Isopropyl.			
Isopropyl acetate, dms., c.l., frt. alld.	lb.	.07½-	—
l.c.l., frt. alld	lb.	.08	- —
tanks, frt. alld	lb.	.06½-	—
Alcohol (see Alcohol).			
Ether, dms., c.l., works, frt. alld. E. of Miss R.	lb.	.07	- —
l.c.l.	lb.	.08	- —
tanks	lb.	.06	- —

J

Jaborandi leaves, bls	lb.	.10	- .11
Jalap root, NF, bls	lb.	.17	- .19
powd., bbls., bxs	lb.	.21	- .22
Juniper berries bgs	lb.	.05	- .05½

K

Kamala, tins	lb.	.44	- .45
Kava kava root, bls	lb.	.28	- .30
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks	gal.	.05½-	—
Gulf ports, p.w., bulk, export	gal.	.04½-	—
w.w., bulk, export	gal.	.04½-	—
Kerosene, at refinery, Louisiana-Arkansas, 41-43 w.w., bulk	gal.	.04	- .04½
Oklahoma-Texas, 41-43 w.w. tanks	gal.	.03¾-	.03⅞
42-44 w.w., tanks	gal.	.04	- —
Pennsylvania, 45 w.w., tanks.	gal.	.04⅝-	.05
46 w.w., tanks	gal.	.05	- .05⅛
47 w.w., tanks	gal.	.05⅛-	.05¼
Kerosene, tankwagon:—			
Atlanta	gal.	.13	- —
Boston	gal.	.07½-	—
Chicago	gal.	.095	- —
Cincinnati	gal.	.135	- —
Denver	gal.	.11	- —
Louisville	gal.	.10	- —
Minneapolis	gal.	.089	- —
New Orleans	gal.	.11	- —
New York	gal.	.07¼-	—
San Francisco	gal.	.115	- —
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 94-96% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs	lb.	.06	- .06½

L

Lady slipper root, bls	lb.	.42	- .45
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	13.75	-13.85
Middlewestern, trcs	100 lbs.	13.60	-13.70
Western, choice, trcs	100 lbs.	13.70	-13.80
Compound, trcs	100 lbs.	13.50	-13.75
Neutral, trcs	100 lbs.	14.25	-14.50
Larkspur seed, bgs	lb.	.25	- .26
Laurel berries, bls	lb.	.09	- .10
Leaves, Ital., bls	lb.	.05	- .05⅛
Lavender flowers, ordinary, bls.	lb.	.40	- .42
select, bls	lb.	.60	- .75
Lead acetate, white, broken, bbls.	lb.	.11½-	—
cryst., bbls	lb.	.11½-	—
gran., bbls	lb.	.12¼-	—
powd., bbls	lb.	.12¼-	—
Lead arsenate, dms., c.l., consumer, E. of Rockies,	lb.	.10	- —
W. of Rockies	lb.	.09¾-	—
dealers, E. of Rockies	lb.	.09½-	—
W. of Rockies	lb.	.09½-	—
1,000 lbs. or more, dms., consumer, E. of Rockies	lb.	.10½-	—
W. of Rockies	lb.	.10¼-	—
dealers, dms., E. of Rockies,	lb.	.10	- —
W. of Rockies	lb.	.09¾-	—
less than 1,000 lbs., consumer, E. of Rockies	lb.	.11	- —
W. of Rockies	lb.	.11	- —
dealers, E. of Rockies	lb.	.10½-	—
W. of Rockies	lb.	.10½-	—
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.			
Blue, basic sulphate, bbls., c.l., dlvd., E.	lb.	.06½-	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07	- —
l.c.l., dlvd., E.	lb.	.06¾-	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07¼-	—
Carbonate (see Lead, white).			
Chloride, pure, bxs	lb.	.49	- .50
Iodide, jars	lb.	2.25	- 2.40
Linoleate, pale, precip., dms.	lb.	.18	- —
Metal (see daily quotations in market report)			
Metallic, paste, 200-lb. cont., f.o.b. works	lb.	.20½-	—
Nitrate, bbls	lb.	.09	- .09½
Oleate, bbls	lb.	.15	- —
Peroxide, cns., works	lb.	.46	- .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0875-	—
other points	lb.	.0850-	—
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.,	lb.	.09¼-	—
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¾-	—
Colo., Mont., N. Mex., Wyo	lb.	.09½-	—
other points	lb.	.09½-	—
smaller lots, dlvd., Ala., etc.	lb.	.10	- —
Ariz., etc.	lb.	.10½-	—
Colo., etc.	lb.	.10	- —
other points	lb.	.09½-	—
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.	lb.	.09	- —
other points	lb.	.08¾-	—
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.09½-	—
Ariz., etc.	lb.	.10	- —
Colo., etc.	lb.	.09¾-	—
other points	lb.	.09¾-	—
smaller lots, dlvd. Ala., etc.	lb.	.10	- —
Ariz., etc.	lb.	.10¼-	—
Colo., etc.	lb.	.10	- —
other points	lb.	.09½-	—
in oil, steel kegs, 1,000 lbs.	lb.	.11¼-	—
500 lbs.	lb.	.11½-	—
smaller lots	lb.	.12½-	—
Resinate, fused, bbls	lb.	.09	- .10
precip., bbls	lb.	.14	- —
Stearate, bbls	lb.	.22	- .26
Sulphate (see Lead, white)			
Titanate, bbls., c.l., f.o.b. works, frt. alld.	lb.	.10	- —
l.c.l., 5 tons, one delvy, dlvd.	lb.	.10¼-	—
smaller lots	lb.	.10¼-	—
White, dry, basic carbonate, **bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and** Wyo.	lb.	.07½-	—
other points	lb.	.07¼-	—
l.c.l. dlvd. Ariz., etc.	lb.	.07¼-	—
other points	lb.	.07½-	—
basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.07	- —
other points	lb.	.06½-	—
l.c.l., dlvd. Ariz., etc.	lb.	.07¼-	—
other points	lb.	.06¾-	—
in oil, 100-lb. kgs., 1,000 lbs., dlvd.	lb.	.10¾-	—
500 lbs., dlvd	lb.	.11	- —
smaller lots, dlvd	lb.	.12	- —
Lemon peel, bls	lb.	.09	- .10
Licorice extract, mass, cs	lb.	.17	- .18
powd., bbls	lb.	.27	- .28
Root, bls	lb.	.04½-	.05
powd., bbls., bxs	lb.	.07	- .08
select, bndls., cs	lb.	.20	- .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00	- —
Berkeley, W. Va.	ton.	7.00	- —
California, northern.	ton.	12.25	- —
southern	ton.	11.25	- —
Cedar Hollow, Pa.	ton.	8.00	- —
Chicago	ton.	7.25	- —
Crab Orchard, Tenn.	ton.	6.25	- —
Dallas, Texas	ton.	8.50	- —
Durbin, Ohio	ton.	6.50	- —
Eagle Mountain, Va.	ton.	6.25	- —
Easton, La.	ton.	7.00	- —
Farnams, Mass	ton.	7.50	- —
Gibsonburg, Ohio	ton.	7.00	- —
Hannibal, Mo	ton.	6.50	- —
Keystone, Ala	ton.	7.00	- —
Knoxville, Ten	ton.	6.25	- —
Leroy, Minn	ton.	8.00	- —
Limedale, Ark	ton.	7.00	- —
Longview, Ala	ton.	7.00	- —
Marble Cliff, Ohio	ton.	6.50	- —
Marblehead, Ohio	ton.	7.00	- —
Martinsburg, W. Va.	ton.	7.00	- —
Menominee, Mich.	ton.	7.50	- —
Mitchell, Ind	ton.	6.50	- —
Newala, Ala	ton.	6.25	- —
Petosky, Mich	ton.	8.00	- —
Port Island, Mich	ton.	7.50	- —
Ripplemead, Va	ton.	6.25	- —
Riverton, Va	ton.	6.25	- —
Scioto, Ohio	ton.	6.00	- —
Sheboygan, Wis	ton.	7.00	- —
Sherwood, Wis	ton.	7.50	- —
Springfield, Mo	ton.	7.00	- —
Woodville, Ohio	ton.	7.00	- —
Lime, chemical (quicklime), hydrated, paper bags, f.o.b. Bellefonte, Pa.,	ton.	8.50	- —
Berkeley, W. Va.	ton.	8.50	- —
Buffalo	ton.	11.00	- —
California, northern.	ton.	14.75	- —
southern	ton.	13.75	- —
Cedar Hollow, Pa.	ton.	8.50	- —
Chicago	ton.	9.50	- —
Crab Orchard, Tenn.	ton.	9.00	- —
Dallas, Tex.	ton.	12.00	- —
Durbin, Ohio	ton.	8.00	- —
Eagle Mountain, Va.	ton.	8.50	- —
Easton, La.	ton.	9.00	- —
Farnams, Mass	ton.	9.00	- —
Gibsonburg, Ohio	ton.	8.50	- —
Hannibal, Mo	ton.	8.50	- —
Keystone, Ala	ton.	9.00	- —
Knoxville, Tenn.	ton.	9.00	- —
Limedale, Ark	ton.	9.00	- —
Longview, Ala	ton.	9.00	- —
Louisville, Ky	ton.	14.50	- —
Marble Cliff, Ohio	ton.	8.00	- —
Marblehead, Ohio	ton.	9.00	- —
Martinsburg, W. Va.	ton.	8.50	- —
Militown, Ind	ton.	12.50	- —
Mitchell, Ind.	ton.	9.00	- —
Newala, Ala	ton.	9.00	- —
Pelham, Ala	ton.	9.00	- —
Petosky, Mich	ton.	9.00	- —
Port Island, Mich	ton.	9.00	- —
Rapid City, S. D.	ton.	12.00	- —
Ripplemead, Va	ton.	8.00	- —
Riverton, Va	ton.	9.00	- —
Scioto, Ohio	ton.	8.00	- —
Sherwood, Wis	ton.	9.00	- —
Siluria, Ala	ton.	9.00	- —
Springfield, Mo	ton.	9.00	- —
Woodville, Ohio	ton.	8.50	- —
spray, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00	- —
Durbin, Ohio	ton.	9.00	- —
Farnams, Mass	ton.	9.00	- —
Gibsonburg, Ohio	ton.	11.00	- —
Marble Cliff, Ohio	ton.	11.00	- —
Marblehead, Ohio	ton.	11.00	- —
Mitchell, Ind	ton.	9.00	- —
Scioto, Ohio	ton.	9.00	- —
Sherwood, Wis	ton.	9.00	- —
Woodville, Ohio	ton.	11.00	- —
Salts (see Calcium)			
Lime-sulphur, dry, bgs., consumer, dlvd. Ore.	lb.	.06¼-	.06½
Idaho, Utah, and W. Mont.	lb.	.07¼-	.07½
Wash, (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties).	lb.	.06½-	.06¾
dealers, dlvd. E. of Rockies, except Fla.	lb.	.07¾-	.08¼
Ore.	lb.	.05¾-	—
Idaho, etc.	lb.	.06¾-	—
Wash. (as above)	lb.	.06	- —
jobbers, dlvd. E. of Rockies, except Fla.	lb.	.07¼-	.08¼
Ore.	lb.	.06½-	—
Idaho, etc.	lb.	.06½-	—
Wash. (as above)	lb.	.05¾-	—
dms., dealers, dlvd. E. of Rockies, except Fla.	lb.	.11	- .12
Fla.	100 lbs.	1.90	- 2.00
jobbers, dlvd. E. of Rockies, except Fla.	lb.	.10½-	—
Lime-sulphur solution, dms., consumer, c.l., works, fr't all'd.	gal.	.13½-	.16½
dealer, fr't all'd.	gal.	.13	- .16
l.c.l., consumer, fr't all'd	gal.	.15	- .18
dealer, fr't all'd.	gal.	.14	- .17
tanks, consumer, dlvd.	gal.	.11½-	—
dealer, dlvd.	gal.	.11	- —
Linalool, cns	lb.	1.90	- 2.10
Linalyl acetate, bots	lb.	1.50	- 2.25
Linden flowers, with leaves, bls.	lb.	.15	- .16
without leaves, bls	lb.	.17	- .18
Linseed cake, bgs., export	ton.	34.00	- —
Meal, 32%, dom., bgs	ton.	42.50	- —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.0775-	—
other points	lb.	.0750-	—
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.08¼-	—
Litharge, com'l., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¾-	—
Colo., Mont., N. Mex., Wyo.	lb.	.08½-	—
other points	lb.	.08	- —
smaller lots, dlvd., Ala., etc.	lb.	.08¾-	—
Ariz., etc.	lb.	.09¼-	—
Colo., etc.	lb.	.09	- —
other points	lb.	.08½-	—
Lithium bromide, jars	lb.	1.70	- 1.75
Carbonate, bbls	lb.	1.25	- 1.30
Chloride, bbls	lb.	1.65	- 2.00
Citrate, bbls	lb.	1.40	- 1.50
Iodide, bots., jars	lb.	4.70	- 4.75
Fluoride, bbls	lb.	2.00	- 2.50
Lithopone, dom., high-strength, bgs., 1,000 lbs., dlvd. E. or ex whse. Pac. Cst	lb.	.05¾-	—
smaller lots, same basis	lb.	.06	- —
bbls., 1,000 lbs., same basis,	lb.	.06	- —
smaller lots, same basis	lb.	.06¼-	—
ordinary, bgs., 1,000 lbs., same basis	lb.	.04½-	—
smaller lots, same basis	lb.	.04½-	—
bbls., 1,000 lbs., same basis,	lb.	.04½-	—
smaller lots, same basis	lb.	.04¾-	—
titanated, bgs, 1,000 lbs., same basis	lb.	.05¾-	—
smaller lots, same basis	lb.	.06	- —
bbls., 1,000 lbs., same basis,	lb.	.06	- —
smaller lots, same basis	lb.	.06¼-	—
Liverwort leaves, bls	lb.	.18	- .19
Lobelia herb, bls	lb.	.13	- .15
Seed, bgs	lb.	.35	- .36
Logwood extract, cryst., bbls.	lb.	.16	- .20
liquid, 51°, bbls	lb.	.08½-	.10½
solid, bxs	lb.	.13½-	.17
Sticks, Haitian, shipt	ton.	24.00	-25.00
Lovage root, dom., bls	lb.	.55	- .65
import, bls	lb.	.95	- .97
Lupulin, N.F., tins	lb.	1.75	- 2.00
Lycopodium, cs	lb.	.95	- 1.00

M

Mace, Banda, cs	lb.	.92	- .94
Batavia, cs	lb.	.48	- .49
Slauw 1, cs	lb.	.55	- .57
Madder, Dutch, bgs	lb.	.22	- .25
Magnesia arsenate, bgs	lb.	.18	- .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.27	- —
1,000-10,000 lbs., same basis	lb.	.28½-	—
less than 1,000 lbs., same basis	lb.	.30	- —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.28	- —
1-lb. pkgs., same basis	lb.	.38	- —
light, bbls., same basis	lb.	.23	- —
1-lb. tins, same basis	lb.	.33	- —
USP, heavy, bbls., same basis	lb.	.30	- —
1-lb. pkgs., same basis	lb.	.40	- —
special, bbls., same basis,	lb.	.27	- —
super light, bbls., same basis	lb.	.30	- —
import., heavy, pharm., bbls.	lb.	.50	- —
light, extra, bbls	lb.	.36	- .40
standard, bbls	lb.	.30	- —
Carbonate, tech., bgs., c.l., works	lb.	.06	- .06¼
USP, bbls., c.l.	lb.	.06¼-	.06
Chloride, flake, dom., bbls., works	ton.	26.00	-29.00
Hypophosphite, cns	lb.	1.45	- 1.50
Oxide (see Calcined)-			
Palmitate, bbls	lb.	.83	Nom.
Peroxide, 15%, dms., works	lb.	1.00	- 1.05
Silicate (see Talc)			
Silicofluoride, bbls	lb.	.09½-	.10½
Stearate, bbls., ctns., c.l.	lb.	.21	- —
1 ton	lb.	.22	- —
1,000-2,000 lbs	lb.	.22	- —
smaller lots	lb.	.24	- —
Sulphate (see Epsom salt)			
Magnesite, cal., import., bbls.	ton.	60.00	-65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	22.00	- —
Malva flowers, black, bls	lb.	.40	- .42
Blue, bls	lb.	.45	- .50
Leaves, bls	lb.	.11	- .12
Manaca root, bls	lb.	.20	- .21
Mandrake root, bls	lb.	.09½-	.10
Manganese acetate, dms	lb.	.25½-	.26¼
Arsenate, bgs	lb.	.12	- .12½
Borate, tech., bbls	lb.	.15	- .16
Chloride, bbls	lb.	.07½-	.08
Dioxide, Caucasian, 80-90%, ctns., c.l., works	ton.	51.50	- —
l.c.l., 5 tons, works	ton.	54.50	- —
smaller lots, works	ton.	59.50	- —
burlap bgs., c.l., works	ton.	49.50	- —
l.c.l., 5 tons, works	ton.	52.50	- —
smaller lots, works	ton.	57.50	- —
paper bgs., c.l., works	ton.	47.50	- —
l.c.l., 5 tons, works	ton.	50.50	- —
smaller lots, works	ton.	55.50	- —
Glycerophosphate, bbls., cans., 100 lbs	lb.	2.60	- 2.65
Hydrate, bbls., dlvd	lb.	.80	- —
Iodide, bots., jars	lb.	5.10	- 5.15
Linoleate, liquid, 4%, dms	lb.	.18	- .19½
solid, precip., 8.2%, bbls	lb.	.17½-	.19
Ore, 52% basis, bbls., c.l.f. Atl. pts.	unit-ton.	.26	- .27
Resinate, fused, 5½%, bbls	lb.	.08¾-	.09½
precip., dms	lb.	.12	- —
Sulphate, anhyd., bbls., works	lb.	.07	- .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South	ton.	48.75	- —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory	unit-ton.	.75	- —
l.c.l., 5 tons, works	lb.	.03½-	—
smaller lots, works	lb.	.04	- —
Mangrove bark, bgs., shipt., ton.		26.00	-27.00
Extract, 55%, bgs	lb.	.04	- —
Manna, flake, large, cs	lb.	.38	- .40
small, cs	lb.	.23	- .25
Mannitol, pure, cryst., cs., works	lb.	1.48	- —
Marble flour, bgs	ton.	12.00	-14.00
Marjoram, French, bbls	lb.	.17	- .17½
Tunisan, bls	lb.	.16½-	.17
Matico leaves, bls	lb.	.29	- .30
Menthol, cs	lb.	3.10	- 3.20
synthetic, cs	lb.	2.25	- 2.50
Menthyl salicylate, tins, 100 lb. lots	lb.	3.00	- —
25 lb., lots	lb.	3.10	- —
Mercurial ointment, 30%, cns	lb.	.82	- —
50%, cns	lb.	1.19	- —
Mercury (see Quicksilver)			
Bichloride (see Corrosive sublimate)			
Bisulphate, kgs	lb.	1.33	- —
Chloride (see Calomel)			
Iodide, red, kgs., jars	lb.	3.55	- 3.60
Yellow, kgs., jars	lb.	3.65	- 3.70
Nitrate ointment (see Citrine ointment)			
Mercury oxide, black, dms., kgs.	lb.	3.85	- —
Red, N.F. (see Red precipitate)			
tech. (see Red, mercury oxide)			
Yellow, dom., tech., bbl	lb.	1.49	- —
USP, dms., kgs	lb.	1.91	- —
Mercury and chalk, kgs	lb.	.90	- .91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	1.50	- 1.75
Composition, 5½x5½ in.	pkg.	1.65	- 1.90
Gold, XX deep, 3⅜x3⅜ in.	pkg.	14.50	-15.00
3⅜x3⅜ in.	pkg.	16.00	-16.50
4x4 in.	pkg.	18.50	-19.00
3⅜x5⅞ in.	pkg.	21.50	-22.00
3⅜x5⅞ in.	pkg.	23.50	-24.00
Silver, 3⅜x3⅜ in.	pkg.	2.50	- 2.75
Metanitroanilin, kgs	lb.	.67	- .69
Metanitroparatoluidin, bbls	lb.	1.45	- —
Metaphenylenediamine, kgs	lb.	.80	- —
Metatoluylenediamine, kgs	lb.	.65	- —
Methanol, natural, denat. grade, dms., c.l., frt. alld.	gal.	.53	- —
tanks, frt. alld.	gal.	.48	- —
contracts, frt. alld.	gal.	.45	- —
95%, dms., c.l., Zone 1, frt. alld.	gal.	.37½-	—
2, frt. alld.	gal.	.39½-	—
3, frt. alld.	gal.	.40½-	—
4, frt. alld.	gal.	.42½-	—
5, frt. alld.	gal.	.42½-	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.40	- —
2, frt. alld. or dlvd.	gal.	.44½-	—
3, frt. alld. or dlvd.	gal.	.43	- —
4, frt. alld. or dlvd.	gal.	.58	- —
5, frt. alld. or dlvd.	gal.	.49½-	—
tanks, Zone 1, frt. alld.	gal.	.33	- —
2, frt. alld.	gal.	.34½-	—
3, frt. alld.	gal.	.36½-	—
4, frt. alld.	gal.	.36½-	—
5, frt. alld.	gal.	.36½-	—
97%, dms., c.l., Zone 1, frt. alld.	gal.	.33½-	—
2, frt. alld.	gal.	.40½-	—
3, frt. alld.	gal.	.41½-	—
4, frt. alld.	gal.	.43½-	—
5, frt. alld.	gal.	.43½-	—

Methanol, Nat.—Nitrobenzene

Methanol, natural 97%, dms., l.c.l., Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld or dlvd..gal. .50 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld.....gal. .37½- —
pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
5, frt. alld.....gal. .45½- —
6, frt. alld.....gal. .48 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol prices, bbls., 2½c. gal. more than drums.

Synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —

Methanol, synthetic, tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld. .....lb. .29½- —
Acetone, dms., c.l., contracts, Zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —

Methyl acetone, tanks, contracts, Zone 1, frt. alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz, Col., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies, gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies, gal. .56½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies, gal. .49½- —
3, Pacific coast.....gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific coast.

Methyl alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride, cylrs.....lb. .37 - .43
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .85 - .96
Iodide, bots., jars.....lb. 5.80 - 6.35
Salicylate, dms.....lb. .40 - .43
tins.....lb. .42 - .45
Violet toner, bbls. (300 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .20 - —
Methylanthraquinone, bbls.....lb. .80 - .83
Methylene, blue, medicl., kgs..lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb. 27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 160 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.00 -30.00
l.c.l., works.....ton.29.00 -47.00
200, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -47.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd., E. of Miss. R...100 lbs. 4.50 - —
W. of Miss. R...100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss R. 100 lbs. 3.50 - —
W. of Miss. R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10¼- —
l.c.l. .....lb. .11¼- —
spray, bbls., c.l.....lb. .11 - —
l.c.l. .....lb. .12 - —
unskimmed, roller, bbls., c.l.lb. .21½- .22
l.c.l. .....lb. .22 - .22½
spray, bbls., c.l.....lb. .21½- .22
l.c.l. .....lb. .22 - .22½
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l., works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
l.c.l., same basis.....lb. .30 - —
Monoethanolamine, dms., c.l., works..lb. .31 - —
l.c.l., dms .....lb. .32 - —
tanks .....lb. .30 - —
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.00 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots.....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk Root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .07 - .07¼
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .05¼- .05¾
Danish, yellow, bgs.....lb. .06 - .06¼
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs.....lb. .07½- .08
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07 - .07¼
Roumanian, yellow, bgs....lb. .06½- .07
Myrobalans, J1, bgs., shipt...ton.24.50 - —
J2, bgs. shipt.....ton.16.75 - —
R2, bgs., shipt.....ton.16.25 - —
Extract, liquid, 25%, bbls....lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 3.00 Nom.
import., 74-78% bgs., Atlantic ports..100 lbs. 3.00 Nom.
Naphthalene refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs, (16 oz.), same basis. lb. .08 - —
(12 oz.), same basis..pkg. .06½- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - —
Chloride, bbls.....lb. .18 - .19¼
kgs. .....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —

TRIBUTYL PHOSPHATE

TRIBUTYL PHOSPHATE is now being produced in this country for the first time by Commercial Solvents Corporation. Tributyl Phosphate is an excellent plasticizer for lacquers. It possesses a combination of properties that make its investigation by paint, varnish and lacquer manufacturers worth while.

Tributyl Phosphate CSC is a stable, odorless liquid with a high boiling point, a low freezing point, and low solubility in water. It minimizes any tendency of nitrocellulose lacquer to yellow or darken on exposure to light. Improvement in the adherence and a reduction in the flammability of the lacquer film are noted when Tributyl Phosphate is employed in the formula.

Tributyl Phosphate may be of service to you. A sample and data sheet will gladly be sent on request, and the facilities of our Research Laboratories are available for cooperation in any work involving the use of this material.

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PLANTS: TERRE HAUTE, INDIANA; PEORIA, ILLINOIS; WESTWEGO, LOUISIANA; HARVEY, LOUISIANA; AGNEW, CALIFORNIA
PROMPT SERVICE FROM BRANCH OFFICES AND WAREHOUSES

Nitrocellulose, alcohol-soluble, ½ and 40, sec. vis., bbls., works	lb.	.28	- —
bronzing, 30, 40, 70 sec. vis., bbls., works	lb.	.29	- —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works	lb.	.26	- —
Nitrocellulose, lacquer, 20-30 and 60-80 sec. vis., bbls., works	lb.	.20	- —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds of nitrocellulose a year.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Jan.-June unit-ton		1.04	- —
Nitrogenous fertiliser material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Jan.-Apr. shipt.	unit-ton	3.50	- —
Chemical, Ill.	unit-ton	3.40	- Nom.
East Coast producing points	unit-ton	3.50	- Nom.
import., bgs., c.l.f. Atlantic ports, shipt.	unit-ton	3.25	- Nom.
Nitronaphthalene, bbls	lb.	.24	- .25
Nitrotoluene, mixed, dms	lb.	.10½	- .11
Nutgalls, Aleppo, bgs., cs	lb.	.20	- .22
Chinese, shipmmt., cs	lb.	.20	- .22
Extract (see Gall extract).			
Nutmegs, 80s, bgs., cs	lb.	.19	- .19½
110s, 80s, bgs, cs	lb.	.16½	- .17
West Indian, bgs	lb.	.16	- .16½
Nux vomica, bls	lb.	.06	- .07
powd., bbls., bxs	lb.	.06½	- .07

O

Oakbark extract, 25% tan., bbls.	lb.	.03½	- —
tanks	lb.	.02½	- —
Ocher (see Yellow).			
Octanes, 100-140° C., mixed, dms., c.l., G.3	gal.	.11	- —
l.c.l., G.3	gal.	.15	- —
tanks, G.3	gal.	.06½	- —
Octyl acetate, dms., c.l., works	lb.	.16	- —
l.c.l., works	lb.	.17	- —
small lots, works	lb.	.20	- —
tanks, works	lb.	.15	- —
Oil, almond, bitter, artif. (see Benzaldehyde).			
natural, bots	lb.	2.75	- 3.00
s.p.a., bots	lb.	3.00	- 3.25
sweet, true, exp., cns	lb.	.70	- .72
Amber, crude, cns	lb.	.20	- .21
refd., cns	lb.	.52	- .57
Amyris, cns	lb.	2.70	- 2.75
Angelica root, bots	lb.	64.00	-75.00
Seed, bots	lb.	72.00	-90.00
Anilin (see A)			
Anise, USP, cns, dms	lb.	.95	Nom.
Apricot kernel, dom., dms., frt. alld.	lb.	.23½	- .26
spot	lb.	.26	- .28
Russian, dms	lb.	.19	- .20
Babassu, tanks	lb.	.10½	- .11
Bay, W.I., cns	lb.	1.30	- 1.50
Bergamot, artif., cns	lb.	1.60	- 1.80
natural, coppers	lb.	2.95	- 3.05
Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms	lb.	.14	- .17
rectifd., cns	lb.	.70	- .75
Bois de rose, Brazil, cns	lb.	1.25	- 1.35
Cayenne, cns	lb.	2.75	- 3.00
Cade, USP IX (see Oil, juniper tar).			
Cajeput, tech., dms	lb.	.45	- .46
USP IX, cns	lb.	.47	- .48
Calamus, cns	lb.	3.50	- 3.75
Camphor, sassafrassy, cns.	lb.	.15	- .15½
dms.	lb.	.13½	- .14
white, cns	lb.	.16	- .16½
dms.	lb.	.14½	- .15
Cananga, native, cns	lb.	1.75	- 2.25
rectified, cns	lb.	3.00	- 3.35
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00	- 2.25
	lb.	2.00	- 2.25
Caraway, USP, cns	lb.	15.00	-32.00
Cardamom, bots	lb.	.90	- .95
Cassia, USP, cns., dms			
Castor, blown, one-way dms., c.l.	lb.	12½	- —
l.c.l.	lb.	.13	- —
medicinal, bbls, c.l.	lb.	.10¾	- —
l.c.l.	lb.	.11½	- —
cns. (l-gal.), l.c.l.	lb.	.14½	- —
dms. (returnable), c.l.	lb.	.10½	- —
l.c.l.	lb.	.13¼	- —
(5-gal.), l.c.l.	lb.	.12½	- —
tanks	lb.	.10	- —
No. 3, bbls., c.l.	lb.	.10¼	- —
l.c.l.	lb.	.11	- —
dms. (returnable), c.l.	lb.	.10	- —
l.c.l.	lb.	.10¾	- —
tanks	lb.	.09¼	- —

Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.08½	- —
75% (63% fat), dms., c.l.	lb.	.11½	- —
l.c.l.	lb.	.12	- —
80% (68% fat), dms., c.l.	lb.	.12½	- —
l.c.l.	lb.	.13	- —
Cedarleaf, cns	lb.	.80	- .85
dms		.75	- .80
Cedarwood, Oregon, cns., dms.,	lb.	.28	- .30
Southern, cns., dms	lb.	.21½	- .24½
Celery, bots	lb.	10.50	-12.50
Chaulmoogra, USP, cns.	500 lbs.	.90	- —
	lb.	1.00	- —
25 lbs	lb.	1.00	- —
Chinawood, dms., Atlantic Cst.	lb.	.15	Nom.
tanks, futures	lb.	.1400	- .1420
Cinnamon, Ceylon, bots	lb.	9.00	-22.00
Seychelle, bots	lb.	6.50	- 7.50
Citronella, Ceylon, cns	lb.	.32	- .34
dms	lb.	.29	- .31
Java, dms	lb.	.39	- .44
Clove, USP, cns	lb.	1.08	- 1.10
dms	lb.	1.05	- —
Coconut, Manila, crude, tanks, Jan.-March	lb.	.09¼	Nom.
Pac. Cst	lb.	.08¾	Nom.
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.14¼	- —
l.c.l.	lb.	.15	- —
tanks	lb.	.14	- —
Cod, Newfoundland, tanked,	bbls. gal.	.48½	Nom.
Norwegian, bbls	gal.	.38	- .40
Codliver, med., Norwegian, bbls.	bbl.	25.00	-27.00
poultry, USP, bbls	gal.	.70	- .75
Coriander, bots	lb.	No stocks	
Corn, crude, tanks, works	lb.	.10	Nom.
refd., bbls	lb.	.12¾	Nom.
Cottonseed, dom., cooking, bbls.	100 lbs.	12.65	- —
salad, bbls	100 lbs.	12.80	- —
import., Brazilian semi-refd.,	dms. lb.	.07¼	Nom.
British, semi-refd., dms	lb.	.07¾	Nom.
Oil, creosote (see C).			
Croton, USP, cns	lb.	1.80	- 1.85
Cubeb, USP, cns	lb.	2.85	- 3.25
Crude (see Petroleum, crude).			
Cumin, bots	lb.	8.50	-10.00
Cypress, cns	lb.	12.00	- —
Degras (see D).			
Diesel, Bayonne, bulk	bbl.	1.65	- —
California, 27 plus, bulk	bbl.	1.00	- 1.25
Dill seed, bots	lb.	2.15	- 2.50
Weed, bots	lb.	5.00	- 5.50
Dip (see D).			
Erigeron, cns	lb.	1.45	- 1.55
Eucalyptus, cns	lb.	.41½	- .42¾
dms	lb.	.39	- .41
Fennel, sweet, cns	lb.	1.05	- 1.10
Fuel, bunker, California, tide-water	bbl.	.85	- .95
Gulf Coast	bbl.	.95	- 1.10
Louisiana-Arkansas, 10-14,	bbl.	.60	- .75
N. Y. and N. J. terminals:—			
Monday	bbl.	1.13	- —
Tuesday	bbl.	1.15	- —
Wednesday	bbl.	1.15	- —
Thursday	bbl.	1.15	- —
Friday	bbl.	1.15	- —
Saturday	bbl.	1.15	- —
North Texas, 18-22	bbl.	.72½	- .80
24-28, zero cold test	bbl.	.95	- 1.00
Oklahoma, 18-22	bbl.	.72½	- .80
24-28, zero cold test	bbl.	.95	- 1.05
24-28, 15 and above	bbl.	.80	- .85
Pennsylvania, 36-40	gal.	.04½	- .04¾
Furnace, Bayonne, 1, bulk, refinery	gal.	.04¾	- .05
2, bulk, same basis	gal.	.04½	- —
3, bulk, same basis	gal.	.04½	- —
4, bulk, same basis	gal.	.04¼	- —
Louisiana - Arkansas, 26 - 40, light straw	gal.	.03¾	- .03½
Oklahoma, 26-30	gal.	.02¾	- .03
32-36	gal.	.03¼	- .03¼
36-38	gal.	.03¼	- .03¼
38-40, straw	gal.	.03¼	- .03¾
38-40, zero, 60 e.p.	gal.	.03¾	- .03½
Fusel (see F).			
Gas, Bayonne, bulk	gal.	.04½	- —
Gulf Coast, bulk	gal.	.03¼	- .03¾
North Texas, bulk	gal.	.02½	- .02¾
Oklahoma, bulk	gal.	.03	- .03¼
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, russ, cns.	lb.	4.85	- 6.25
Bourbon, cns	lb.	4.75	- 5.65
Turkish, cns	lb.	1.60	- 2.00
Grapefruit, cns	lb.	2.85	- 2.90
Ginger, dist., bots	lb.	5.25	- 7.25
Guaiac wood, concrete, bots.	lb.	3.10	- 3.15
Haarlem, dom., bots	gross	3.25	- 3.35
import, bots	gross	3.40	- 3.50
Halibut-liver, dms. 1,000 A unit-gal.		.75	- 1.00
Hemlock, cns	lb.	1.05	- 1.10
Herring, tanks, Pan. Cst.	gal.	.31	- —
Juniper berry, USP, cns	lb.	1.00	- 2.00
Wood, tech., cns	lb.	.45	- —
Juniper tar, U.S.P.XI, 1,000 lb. dms.	lb.	.35	- .50
cns.	lb.	.38	- .52
Lard, common, 1, bbls.	100 lbs.	11.50	- —
2, bbls	100 lbs.	11.25	- —
extra, bbls	100 lbs.	12.50	- —
1, bbls	100 lbs.	11.75	- —
headlight, burning bbls.	100 lbs.	13.75	- —
prime, ed., bbls	100 lbs.	16.25	- —
ined., bbls	100 lbs.	13.75	- —
winter, strained, extra bbls.,	100 lbs.	12.75	- —
prime, bbls	100 lbs.	13.00	- —
Lavender flowers, French, USP, cns.	lb.	2.55	- 7.25
Garden, cns	lb.	.45	.52
Spike, Spanish, tech., cns.	lb.	1.05	- 1.10
dms.	lb.	.95	- 1.10
Lemon, Calif., cns	lb.	3.00	- —
Messina, coppers, cns	lb.	2.85	- 3.35
Lemongrass, native, cns., dms.	lb.	.55	- .62
Lime, dist., cns	lb.	6.45	- 6.60
expressed, cns	lb.	9.35	-10.25
Linaloe wood, cns	lb.	1.15	- 1.20
Linseed, boiled, bbls., c.l.	lb.	.1050	- .1070
l.c.l., 5 or more	lb.	.1090	- .1110
less than 5	lb.	.1130	- .1160
tanks	lb.	.0990	- .1010
double boiled, bbls., less than 5	lb.	.1150	- .1170
raw, bbls., c.l.	lb.	.1010	- .1030
l.c.l., 5 or more	lb.	.1050	- .1070
less than 5	lb.	.1090	- .1110
tanks	lb.	.0950	- .0970
Lovage, bots	lb.	46.00	-55.00

Lubricating, at refinery (including U.S. tax 4c. per gal.):—

California, green, 70 vis., tanks	gal.	.21½	- —
80, 100 vis., tanks	gal.	.24½	- —
115, 125 vis., tanks	gal.	.30½	- —
green, pale, 750, 900 vis., tanks	gal.	.21½	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks	gal.	.21½	- —
pale, red, 100, 140, 1,000 vis., tanks	gal.	.21½	- —
pale, 75, 175 vis.	tanks. gal.	.21½	- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour	tanks. gal.	.19½	- —
15-25 pour, tanks	gal.	.19	- —
150-160 D, 0-10 pour	tanks. gal.	.21	- —
15-25 pour, tanks	gal.	.20½	- —
150-160 E, 15-25, pour,	tanks. gal.	.20	- —
190-200 D, 15-25 pour,	tanks. gal.	.24	- —
200-210 E, 15-25 pour,	tanks. gal.	.23	- —
neutrals, 0-10 pour, 150 vis., 3 color, tanks	gal.	.12½	- —
180 vis., 3 colors, tanks,	gal.	.13½	- —
4 color, tanks	gal.	.13	- —
200 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks	gal.	.13½	- —
250 vis., 3 color, tanks,	gal.	.15	- —
4 color, tanks	gal.	.14½	- —
280 vis., 3 color, tanks,	gal.	.16	- —
4 color, tanks	gal.	.15½	- —
300 vis., 3½ color, tanks.	gal.	.16½	- —
350 vis., same basis,	gal.	.17	- —
400 vis., same basis	gal.	.17½	- —
500 vis., same basis,	gal.	.18	- —
600 vis., same basis,	gal.	.18½	- —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penns., bright, 600 cold test, 10-40 pour, tanks	gal.	.24½	- —
10-15 pour, tanks	gal.	.25½	- —
cylinder, 600 fire, tanks,	gal.	.17	- —
600 flash, tanks	gal.	.19½	- —
630 flash, tanks	gal.	.24	- —
655 fire, tanks	gal.	.18½	- —
650 fire, tanks	gal.	.18½	- —
Oil, lubricating, at refinery, Penna, cylinder, Warren, E, amber, tanks,	gal.	.20	- —
neutral, 160 vis. 3 color, tanks.	gal.	.23	- —
180 vis., 3 color, tanks.	gal.	.25½	- —
200 vis., 2 color, tanks.	gal.	.26½	- —
spot, Penna, bright, bbls., c.l., f.a.s.	gal.	.32	- —
unfiltered, 600 s.r., bbls., c.l., f.a.s.	gal.	.24	- —
600 flash, s.r., bbl., c.l., f.a.s.	gal.	.26	- —
650 s.r., bbls., c.l., f.a.s.	gal.	.23½	- —
Warren, E, bbls., c.l., f.a.s.	gal.	.26	- —
smaller lots, f.o.b.	gal.	.30	- —
Mace, dist., cns	lb.	1.10	- 1.15
Menhaden, crude, tanks, f.o.b. Balto	gal.	.35	Nom.
refd., alkali, dms., c.l.	lb.	.0840	- —
l.c.l.	lb.	.0840	- —
tanks	lb.	.0780	- —
blown, dms	lb.	.0840	- —
kettle-bodied, dms	lb.	.0940	- —
light pressed, dms., c.l.	lb.	.0780	- —
l.c.l.	lb.	.0780	- —
tanks	lb.	.0720	- —
Mineral, white (see Oil, white mineral)			
Mustard, artif., USP., bots.	lb.	1.85	- 1.90
dist., natural, bots	lb.	8.50	- 9.00
expressed, bbls	gal.	.75	- .80
Neatsfoot, cold test, bbls.	100 lbs.	16.75	- —
extra, bbls	100 lbs.	12.00	- —
1, bbls	100 lbs.	11.75	- —
pure, bbls	100 lbs.	11.50	- —
Special, bbls	100 lbs.	12.75	- —
sulphonated, common, 25% moisture, dms.	lb.	.10½	-
Neroli bots	lb.	50.00	- 1.30
Nutmeg USP, cns	lb.	1.10	- 1.15
Olticia, dms	lb.	.11	- .11½
shipment	lb.	.10¾	- —
Oleo, 1, bbls	100 lbs.	14.00	- —
2, bbls	100 lbs.	13.50	- —
Olibanum, bots	lb.	5.00	- 5.25
Olive, dom., denat., bbls.	gal.	1.55	Nom.
edible, bbls	gal.	2.00	Nom.
foots, bbls	lb.	.10¾	Nom.
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11	- —
l.c.l.	lb.	.11½	- —
75% (63% fat), dms., c.l.	lb.	.14½	- —
l.c.l.	lb.	.15	- —
80% (68% fat), dms., c.l.	lb.	.15½	- —
l.c.l.	lb.	.16	- —
Orange, sweet, dist., cans.	lb.	.90	- —
expressed, African, cns., dms.	lb.	1.20	- 1.25
Calif., cns	lb.	3.25	Nom.
Florida, cns	lb.	No prices	
Messina, USP, coppers	lb.	2.75	- 4.50
Spanish, cns	lb.	No stocks	
West India, cns	lb.	1.95	- 2.05
Origanum, Spanish, cns.	lb.	.90	- 1.25
Orris, Florentine, concrete, extra strong, bots.	oz.	5.25	- 5.50
Palm, Niger, cks	lb.	.06½	Nom.
shipment	lb.	.06¼	Nom.
softs, 12½%, bulk, shipt	lb.	.06½	Nom.
20%, bulk, shipt	lb.	.06	Nom.
Sumatra, shipment, bulk	lb.	.06	Nom.
Palmarosa, cns	lb.	1.60	- 2.00
Palmkernel, bulk, shipt	lb.	.08	Nom.
dom., tanks	lb.	.08½	- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.06¼	- —
330° flash, 70-80 vis., tanks, G, 3.	gal.	.05½	- —
80-85 vis., bbls extra, ind.	gal.	.12	-
350° flash, 100-105 vis., bbls extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾	- —
Patchouli, bots	lb.	5.00	- 6.00
Peanut, crude, dom., tanks, works	lb.	.10¼	- —
refd., edible, bbls	lb.	.13	Nom.
Oriental, crude, bulk shipt	lb.	.0740	- —
Pennyroyal, dom., cns	lb.	1.65	- 1.75
import, cans	lb.	1.80	- 1.85
Peppermint, natural, cans, dms.	lb.	2.25	- 2.50
redist., USP, cns, dms	lb.	2.50	- 2.75
Perilla, dms	lb.	.11¼	- .11½
tanks	lb.	.11	- .11¼
Petitgrain, Paraguay, cns	lb.	1.05	- 1.10
Pimento berry, cns	lb.	3.00	- 3.10
Leaf, cns	lb.	1.25	- 1.30
Pine, dest.-dist., straw-color, dms., divd., E. ports	gal.	.50	- —
steam-dist., straw-color, bbls	gal	48	
tanks	gal	44	
water-white, bbls	gal	44	
tanks	gal	—	
Pineneedle, Siberian, cns	lb.	.85	- .90
Putty, bbls, El Segundo, Richmond, Cal.	gal.	12¼	-
contracts	gal.	12¼	-
Whiting, Ind	gal	26	-
dms., c.l., Bost., Provid.	gal.	.25½	-
l.c.l., same basis	gal.	.27	-
tanks, same basis	gal.	.18	-
Martinez, Cal.	gal.	.26	-
Rapeseed, blown, bbls	lb.	.13¼	- .13½
denat., bbls	gal.	.82	- .85
Red, dist. or saponif., bbls., divd.	lb.	.10¾	- .11¼
dms., divd	lb.	.10½	- .11½
tanks, divd	lb.	.09¾	- —
white, dms	lb.	.12½	- .14
Rose, artif., bots	oz.	2.00	- 3.00
natural, coppers	oz.	5.25	-22.50
Rosemary, Spanish, cns	lb.	.43	- .48
dms	lb.	.37	- .42
Rosin, 1st rectfd., dms	gal.	.69	- .71
2d rectfd., dms	gal.	.71	- .73
3d rectfd., dms	gal.	.75	- .77
Rue, bots	lb.	2.15	- 2.20
Sage, cns	lb.	1.65	- 1.70
Sandalwood, Australia, cns	lb.	4.50	- 5.00
E.I., USP, cns	lb.	4.80	- 5.50
Sardine, crude, tanks, Pac. Cst.	gal.	.46	- .47
rfd., alkali, dms., c.l.	lb.	.0840	- —
l.c.l.	lb.	.0840	- —
tanks	lb.	.0780	- —
kettle-bodied, dms	lb.	.0940	- —
light, pressed, dms., c.l.	lb.	.0780	- —
l.c.l.	lb.	.0780	- —
tanks	lb.	.0720	- —
poultry feed, dms., Pac. Cst.,	gal.	.50	- —
Sassafras, artif., dms	lb.	.31½	- .32½
cns	lb.	.34½	- .35½
natural, cns., dms	lb.	.75	- 1.25
Savin, cns	lb.	1.70	- 1.75
Savory, cns	lb.	3.50	- 3.75
Sesame, dom., refd., white, dms.	lb.	.13¼	Nom.
yellow, dms	lb.	.13¼	Nom.
Shingle stain, bbls., c.l., works.	gal.	.17½	- —
l.c.l., works	gal.	.20	- —
tanks, works	gal.	.14½	- —
Snakeroot, Canada, cns	lb.	11.00	-12.00
Soybean, dom., crude, dms	lb.	.1150	- —
tanks	lb.	.1050	Nom.
refd., dms	lb.	.12	- .12½
tanks	lb.	.11½	Nom.
Spearmint, USP, cns	lb.	1.75	- 2.00
Sperm, bleach, 38°, dms	lb.	.1000	- .1020
45°, dms	lb.	.0930	- .0950
natural, dms	lb.	.0880	- .0900

Nitrocellulose—Paraffin

Oil, spruce, cans	lb.	1.05	- 1.10
Sunflower seed, refd., dms	lb.	.12½	- .12¾
Sweet birch, North, cns	lb.	3.50	- 3.75
South., cns	lb.	1.90	- 2.10
Tallow, acidless, bbls	190 lbs.	11.87½	- —
tanks	100 lbs.	11.37½	- —
Tansy, cns	lb.	3.10	- 3.25
Tar, commi., dms., c.l., divd. E. cities	gal.	.26	- —
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, divd. E. cities	gal.	.20	- —
rectfd., USP, bbls., divd. E. ports	gal.	.50	- —
Tar acid (see T)			
Teaseed, dms	lb.	.13	- .14½
Thyme, NF, red, dms	lb.	.85	- 1.25
white, dms	lb.	.80	- 1.35
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns	gal.	4.00	- 5.00
Valerian, bots	lb.	13.50	-14.00
Vetiver, Bourb., bots	lb.	8.00	-13.00
Walnut, crude, dms	lb.	.15	- .15½
refd., dms	lb.	.16	- .16½
Whale, refd., natural, dms	lb.	.0610	- .0630
winter, bleach, dms	lb.	.0850	- .0870
Wheat germ, cns., dms	gal.	27.50	-30.00
White mineral, dom., tech., 50-60 vis., dms	gal.	.42	- .44
65-75 vis., dms	gal.	.44	- .46
80-90 vis., dms	gal.	.45	- .47
U.S.P., 80-90 vis., dms	gal.	.54	- .56
95-105 vis., dms	gal.	.63	- .65
125-135 vis., dms	gal.	.75½	- .77½
140-150 vis., dms	gal.	.76½	- .78½
175-185 vis., dms	gal.	.78½	- .80½
200-210 vis., dms	gal.	.80	- .82
320-330 vis., dms	gal.	.85½	- .87½
335-345 vis., dms	gal.	.87	- .89
Russian, 75-85 vis., dom.	gal.	.52	- —
145-155 vis., dms	gal.	.74½	- —
185-190 vis., dms	gal.	.76½	- —
275-285 vis., dms	gal.	.80	- —
335-345 vis., dms	gal.	.85	- —
Wintergreen, natural, North. cns	lb.	4.00	- 5.00
South, cns	lb.	3.35	- 3.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns	lb.	2.00	- 2.10
Wormwood, cns	lb.	3.00	- 3.25
Ylang-ylang, Bourb., bots., cns.	lb.	5.50	- 6.00
Manila, bots	lb.	26.00	-30.00
Opium, USP, cns	lb.	11.50	-12.50
gran., cns	lb.	12.50	-13.50
powd., cns	lb.	12.50	-13.50
Orange, chrome (see Yellow, chrome).			
Lake, Persian, bbls	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ariz., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash	lb.	.11½	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.12	- —
Colo., Mont., N. M.,			
Other points	lb.	.11¾	- —
smaller lots, divd. Ala., etc.	lb.	.12	- —
Ariz., etc	lb.	.12½	- —
Colo., Mont., N. M., Wyo.	lb.	.12¼	- —
Other points	lb.	.11¾	- —
French, Tours, cake, ex-dock	lb.	.17	- —
kgs., ex dock	lb.	.18¾	- —
Peel, bitter, bls	lb.	.08	- .09
Sweet, bls	lb.	.09½	- .10
Toner bbls	lb.	.80	- —
Orangeflower petals, cs	lb.	.35	- .38
Orris root, Florentine, bgs	lb.	.08	- .09
fingers, cs	lb.	.95	- 1.00
powd., bbls., bxs	lb.	.12	- .13
Verona, bls	lb.	.08	- .09
powd., bxs, cs	lb.	.11	- .13
Orthoanisidin, bbls	lb.	.70	- .74
Orthochloroanilin, dms	lb.	.60	- .75
Orthochlorophenol, dms	lb.	.85	- .75
Orthocresol, dms., c.l., works	lb.	.13¼	- —
l.c.l., same basis	lb.	.14¼	- —
Orthodichlorobenzene, dms, c.l., works, frt equal	lb.	.05	- —
l.c.l., dms, same basis	lb.	.06	- —
100 lb. tins, same basis	lb.	.07	- —
50 lb. tins, same basis	lb.	.08	- —
tanks, same basis	lb.	.04½	- —
Orthonitroaniilin, dms	lb.	.48	- .60
Orthonitrochlorobenzene, kgs	lb.	.26	- .29
Orthonitroparachlorophenol, cns	lb.	.70	- .75
Orthonitrophenol, kgs	lb.	.85	- .90
Orthonitrotoluene, dms	lb.	.07	- —
Orthotoluene sulphonate, kgs	lb.	2.00	- 2.05
Orthotoluidin, dms	lb.	.14	- —
Osage orange extract, cryst., bbls.	lb.	.17	- .19
liquid, 51°, bbls	lb.	.07	- .09
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50	- —
bots., cns., 1-50 lbs	lb.	3.65	- 4.00

P

Papain, powd., cs	lb.	.95	- 1.00
Paprika, Hungarian, bgs	lb.	.20½	- .22
Spanish, extra fancy, cs	lb.	.27	- .28
fair, bgs	lb.	.21½	- .22
fancy, bgs	lb.	.23	- .23½
medium, bgs	lb.	.22	- .22½
Para-aminoacetanilide, kgs	lb.	.85	Nom.
Para-aminophenol, bgs., bbls	lb.	1.05	- —
Hydrochloride, bbls	lb.	1.25	- —
Para-amylphenol, tertiary, dms., c.l., works	lb.	.26	- —
Parachlorophenol, dms	lb.	.30	- .45
Paracymene, rfd., dms	gal.	.75	- 1.25
Paradichlorobenzene, dms	lb.	.16	- .20
kegs	lb.	.18	- .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¾	- .02¼
bbls, c.l., N. Y.	lb.	.0240	- —
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.02¼	- .02⅝
bbls., c.l., N. Y.	lb.	.0240	- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼	- Nom.
fully refd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices	
123-125 A.m.p., bgs., c.l.	lb.	.0445	- —
export, f.a.s. N. Y.	lb.	.0440	- —
125-127 A.m.p., bgs., c.l.	lb.	.0455	- —
export, f.a.s. N. Y.	lb.	.0450	- —
128-130 A.m.p., bgs., c.l.	lb.	.0480	- —
export, f.a.s. N. Y.	lb.	.0475	- —
130-132 A.m.p., bgs., c.l.	lb.	.0495	- —
export, f.a.s., N. Y.	lb.	.0490	- —
133-135 A.m.p., bgs., c.l.	lb.	.0555	- —
export, f.a.s., N. Y.	lb.	.0545	- —
135-137 A.m.p., bgs., c.l.	lb.	.0580	- —
export, f.a.s., N. Y.	lb.	.0570	- —
138-140 A.m.p., bgs., c.l.	lb.	.0655	- —
143-145 A.m.p., bgs., c.l.	lb.	.0780	- —

Refined paraffin prices in cases are ½c. lb. higher than bags price.

Paraffin—Pet. Naphtha

Paraffin, match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.03	—
semi-rfd., solid, 122-124 A.m.p., bgs.	lb.	02¾-	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	—
100 to 900 lb. shipments, same basis.	lb.	.35	—
Paraldehyde, tech., dms., wks.	lb.	.16	.18
USP, cbys.	lb.	.37	.45
Paranitroanilin, kgs., c.l., works.	lb.	.45	—
l.c.l., kgs., works.	lb.	.47	—
Paranitrochlorobensene, kgs.	lb.	.23½-	.24
Paranitrophenol, kgs.	lb.	.35	.37
Paranitrotoluene, kgs.	lb.	.35	—
Paraphenylenediamine, bbls.	lb.	1.25	1.30
Paratoluenesulphonamide, bbls.	lb.	.70	.75
Paratoluidin, bbls.	lb.	.56	—
Pareira brava root, bls.	lb.	.16	.17
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve.	lb.	.21	.23
1,000 lbs. and up, same basis, lb.		.22	.24
less than 1,000 lbs., same basis.	lb.	.23	.25
Passion flower herb, bls.	lb.	.06	.06½
Patchouli leaves, bls.	lb.	.15	.16
Pellitory root, bls.	lb.	.16	.17
Pennyroyal, bls.	lb.	.13	.14
Pentane, nom., 28-38°, dms., c.l., G.S.	gal.	.12½-	—
l.c.l., G.3.	gal.	.16	—
tanks, G.3.	gal.	.09½-	—
Pentane, norm., laboratory grade, dms., c.l., G.3.	gal.	.16	—
l.c.l., G.3.	gal.	.25	—
Pepper, black, Alleppy, bgs.	lb.	.09½-	.10
Lampong, bgs.	lb.	.06¾-	.07¼
Tellicherry, bgs.	lb.	.10	.10¼
Red, birdseye, bgs.	lb.	.13½-	.14
Japanese, I, bgs.	lb.	.12	.12½
Mombassa, bgs.	lb.	.16¼-	.16¾
White, Borneo, bgs.	lb.	.10½-	.11
Java, Muntok, bgs.	lb.	.11	.11½
Saigon, bgs.	lb.	No stocks	
Singapore, Muntok, bgs.	lb.	.11	.11½
Peppermint leaves, dom., bls.	lb.	.24	.25
import, bls.	lb.	.34	.39
Peru balsam, dms.	lb.	1.05	1.10
Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾-	.02⅞
light, bbls., c.l.	lb.	.03¼-	.03¾
medium, bbls., c.l.	lb.	.02¾-	.03¼
cream, bbls., c.l.	lb.	.05	.05¼
green, dark, bbls., c.l.	lb.	.02½-	.02¾
red, bbls., c.l.	lb.	.02¾-	.02⅞
veterinary, bbls., c.l.	lb.	.02¾-	.02⅞
white, lily, bbls., c.l.	lb.	.06	.06¼
snow, bbls., c.l.	lb.	.07	.07¼
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	.95
Athens	bbl.	.84	1.66
Belridge	bbl.	.70	1.32
Buena Vista Hills	bbl.	.70	1.38
Coalinga	bbl.	.70	.90
Coyote Hills (West)	bbl.	.78	1.32
Dominguez	bbl.	.79	1.00
East Coyote	bbl.	.76	.96
Elk Hills	bbl.	.70	1.38
Elwood Terrace, f.o.b. ship.	bbl.	1.28	1.43
Huntington Beach	bbl.	.78	1.22
Inglewood	bbl.	.79	1.27
Kern Front	bbl.	.70	—
Petroleum, crude, bulk, at wells, California, Kern River	bbls.	.70	—
Kettleman Hills	bbl.	1.19	1.43
La Habra	bbl.	.76	.96
Lakeview	bbl.	.70	1.38
Lost Hills	bbl.	.70	1.32
McKittrick	bbl.	.70	—
Midway - Sunset (except Lakeview)	bbl	.70	1.38
Montebello	bbl.	.77	1.43
Mt. Poso	bbl.	.70	—
Mountain View	bbl.	.70	1.20
Newhall	bbl.	.70	—
Olinda Brea	bbl.	.76	1.27
Orcutt	bbl.	.70	.93
Playa del Rey, f.o.b. pipeline	bbl.	.80	1.16
Richfield	bbl.	.76	1.09
Rosecrans	bbl.	.84	1.66
Round Mt.	bbl.	.70	—
Santa Fe Springs	bbl.	.78	1.42
Santa Paula	bbl.	.70	1.01
Seal Beach	bbl.	.79	1.19
Signal Hill	bbl.	.80	1.21
Torrence	bbl.	.90	1.05
Wheeler Ridge	bbl.	.70	.83
Whittier	bbl.	.76	.96
Canada:—			
Oil Springs	bbl.	2.17	—
Petrolia	bbl.	2.10	—
Central West:—			
Illinois	bbl.	1.22	—
Lima	bbl.	1.15	—
Midland (Mich.)	bbl.	1.32	—
Princeton	bbl.	1.13	—
East Texas	bbl.	1.15	—
Gulf Coast:—			
Barber's Hill	bbl.	.92	1.22
Batson	bbl.	.92	1.22
Conroe	bbl.	1.24	1.34
Dayton	bbl.	.92	1.22
Evangeline	bbl.	.92	1.22
Goose Creek	bbl.	.92	1.22
Petroleum, crude, at wells, bulk, Gulf Coast:—			
High Island	bbl.	.92	1.22
Hull	bbl.	.92	1.22
Humble	bbl.	.92	1.22
Liberty	bbl.	.92	1.22
Markham	bbl.	.92	1.22
Orange	bbl.	.92	1.22
Pettus	bbl.	1.25	—
Pierce Junction	bbl.	.92	1.22
Port Lavaca	bbl.	.80	—
Refugio, heavy	bbl.	.90	—
light	bbl.	.92	1.22
Saratoga	bbl.	.92	1.22
Sour Lake	bbl.	.92	1.22
Spindle Top	bbl.	.92	1.22
Sugarland	bbl.	.92	1.22
Terry	bbl.	.92	1.22
West Columbia	bbl.	.92	1.22
Kentucky, Tennessee:—			
Oil City, in Stoll lines	bbl.	1.00	—
Somerset	bbl.	1.30	1.35
Western Kentucky, all gravities	bbl.	1.28	—
Louisiana, Arkansas:—			
Bosco	bbl.	1.02	—
Bull Bayou	bbl.	.71	1.08
Caddo	bbl.	.78	1.10
Cameron Meadows	bbl.	.82	1.12
Cotton Valley	bbl.	.78	1.10
De Soto	bbl.	.78	1.10
El Dorado	bbl.	.78	1.10
Haynesville	bbl.	.78	1.10
Homer	bbl.	.78	1.10
Iowa	bbl.	.72	1.02
Lockport	bbl.	.92	1.22
Miller County	bbl.	.78	1.10
Nevada	bbl.	.65	—
Pine Island	bbl.	.86	1.10
Rodessa	bbl.	.78	1.10
Smackover	bbl.	.75	.80
Urania	bbl.	.97	—
Mexico, f.o.b. terminals, Mexican ports—based on contract:—			
Panuco	bbl.	1.05	—
Tax, 13.31c. per bbl.			
Tuxpan	bbl.	No prices.	
Tax, 21.764c. per bbl.			
Midcontinent:—			
Corsicana	bbl.	.86	—
North Texas	bbl.	.86	1.18
Oklahoma-Kansas	bbl.	.86	1.18
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45	—
Corning	bbl.	1.32	—
Pennsylvania grade, in Buckeye lines	bbl.	1.97	—
Eureka lines	bbl.	2.12	—
S.W. Penn lines	bbl.	2.17	—
lower district in National Transit lines	bbl.	2.37	2.42
Rocky Mountain:—			
Big Muddy	bbl.	1.11	—
Cat Creek	bbl.	1.07	—
Elk Basin	bbl.	1.18	—
Frannie, heavy	bbl.	.62	—
light	bbl.	.70	—
Grass Creek, heavy	bbl.	.62	—
light	bbl.	1.18	—
Greybull	bbl.	1.28	—
Lance Creek	bbl.	.75	—
Pondera	bbl.	1.05	—
Rock Creek	bbl.	1.08¼-	—
Salt Creek	bbl.	.94	1.18
Sunburst	bbl.	1.15	—
South, Central and Southwestern Texas:—			
Cass County	bbl.	.86	1.10
Darst Creek	bbl.	.87	1.02
Luling	bbl.	.90	—
Lytton Springs	bbl.	1.00	—
Mirando	bbl.	.90	—
Panola County	bbl.	.84	1.08
Salt Flat	bbl.	1.02	—
Saxet	bbl.	.90	—
Tomball	bbl.	1.30	—
Van	bbl.	.79	1.00
Texas Panhandle:— Carson-Hutchinson counties.	bbl.	.81	.93
Gray County	bbl.	.86	.98
West Texas:—			
Artesia, N. M.	bbl.	.75	—
Crane	bbl.	.75	.90
Crockett	bbl.	.75	.90
Ector	bbl.	.75	.90
Glasscock	bbl.	.75	.90
Hobbs, N. M.	bbl.	.65	—
Hogback	bbl.	1.21	—
Howard	bbl.	.75	.90
Jackson, N. M.	bbl.	.75	—
Lea, N. M.	bbl.	.75	.90
Maljamar, N. M.	bbl.	.75	—
Mitchell	bbl.	.89	—
Pecos	bbl.	.75	.90
Upton	bbl.	.75	.90
Winkler	bbl.	.80	—
ether, 30-60°, dms, c.l., G.3.	gal.	.15	—
l.c.l., G.3.	gal.	.17	—
tanks, G.3.	gal.	.13	—
35-60°, dms., l.c.l., G.3.	gal.	.35	—
40-75°, dms., c.l., G.3.	gal.	.15	—
l.c.l., G.3.	gal.	.16	—
tanks, G.3.	gal.	.13	—
laboratory grade, dms., c.l., G.3.	gal.	.16	—
l.c.l., G.3.	gal.	.25	—
10-gal. lots, G.3.	gal.	.50	—
Lacquer, diluent, at refinery:—			
California, 49-51, 225 i.b.p., 335 e.p., tanks.	gal.	.12	—
58-62, 160 i.b.p., 270 e.p., tanks, delvd. Los Angeles.	gal.	.11	—
San Francisco.	gal.	.11½-	—
f.o.b. Richmond.	gal.	.11½-	—
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12	—
61-63, 149 i.b.p., 275 e.p., tanks.	gal.	.15	—
East Coast, tanks.	gal.	.12	.12½
Group 3, tanks.	gal.	.07⅞-	.08½
Naphtha, cleaners, at refinery:—			
East Coast, tanks.	gal.	.09½-	—
Group 3, tanks.	gal.	.07⅞-	.07¼
tankwagon, Boston, ex-tax.	gal.	.13	—
Chicago, inc. 3c. tax.	gal.	.155	—
Decatur, inc. 3c. tax.	gal.	.179	—
Des Moines, inc. 3c. tax.	gal.	.177	—
Evansville, Ind., ex tax.	gal.	.143	.156
Milwaukee, inc. 4c. tax.	gal.	.192	—
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.183	—
Newark, ex tax.	gal.	.11½-	—
New York, ex tax.	gal.	.11½-	—
Omaha, ex tax.	gal.	.149	.159
Oklahoma City, ex tax.	gal.	.15	.16
Philadelphia, ex tax.	gal.	.11½-	—
St. Louis, ex tax.	gal.	.146	.156
Syracuse, 150 gals.	gal.	.14	—
smaller lots, galv. drums.	gal.	.16	—
milk cans.	gal.	.21	—
Tulsa, ex tax.	gal.	.15	.16
High solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17	—
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16¼-	—
30, same basis	gal.	.18¼-	.19
40, same basis	gal.	.14½-	.15½

NIAGARA ALKALI COMPANY

is qualified by long experience . . .

to give you the utmost in quality and uniformity in the three products listed. We are the pioneer American producers of two of them—Caustic Potash and Carbonate of Potash. And for many years we have worked hand in hand with men in the industries where Caustic Soda is used. Every year adds to our ability to serve you well. That the number of our customers is steadily increasing is conclusive proof that our pioneering efforts and our reliable, conscientious methods of production and handling are appreciated. Turn to Niagara for your supply and you will find this long experience a source of genuine satisfaction.

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Niagara

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60 EAST 42nd STREET, NEW YORK, N. Y.

Associated with Electro Bleaching Gas Company, Pioneer Manufacturer of Liquid Chlorine

Petroleum, naphtha, hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt..gal. .16 - —
2, same basis.....gal. .13 - —
3, same basis.....gal. .16 - —
4, same basis.....gal. .18 - —
V.m. & p., at refinery:—
California, 46.5, 224 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, delvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07¾- .07½
Pennsylvania, tanks...gal. .07½- —
tankwagon, Boston, ex tax. gal. .18 - —
Chicago, inc. 3c. tax..gal. .165 - —
Decatur, inc. 3c. tax..gal. .179 - —
Des Moines, inc.3c. tax.gal. .177 - —
Evansville, Ind.,ex tax.gal. .143 - .158
Milwaukee, inc. 4c.tax.gal. .192 - —
Minneapolis-St. Paul, inc. 3c. tax..gal. .183 - —
Newark, ex tax.....gal. .12½- —
New York, ex tax.....gal. .11½- —
Omaha, ex tax.....gal. .149 - .159
Philadelphia, ex tax...gal. .13 - —
St. Louis, ex tax.....gal. .146 - —
Solvent, rubber, at refinery:—
California, 60.2-63.5, 167 i.b.p., 230 e.p., tanks, inc. tax..gal. .14 - .14½
62.3, 104 i.b.p., 293 e.p., tanks, inc. tax..gal. .14 - .14½
East Coast, tanks.....gal. .09½- —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07¾- .07½
standard, 180 i.b.p., 288 e.p., tanks..gal. .07¾- .07½
Stoddard (CS 8-28), at refinery:—
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06¾- .07
tankwagon, Boston, ex tax. gal. .13½- —
Chicago, inc. 3c. tax...gal. .15 - —
Decatur, inc. 3c. tax..gal. .169 - —
Des Moines, inc.3c.tax.gal .167 - —
Evansville, Ind.,ex tax.gal. .136 - .140
Milwaukee, inc. 4c.tax.gal. .182 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .164 - —
Newark, ex tax.....gal. .10½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .10½- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha .....gal. .139 - .149
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax.....gal. .125 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash.....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .11½- —
Richmond .....gal. .11 - —
Southern Calif...gal. .10½- —
55-56, 200 i.b.p., 305 e.p., tanks, f.o.b. El Segundo. gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash.....gal. .12 - —
East Coast, 43-47, tanks.gal. .09 - .10
47-49, tanks.....gal. .09 - —
Group 3, tanks.....gal. .06¾- .06½
Pennsylvania, tanks.....gal. .06¾- —
tankwagon, tax included:—
Albany .....gal. .11 - —
Baltimore .....gal. .12 - .13
Binghamton, N. Y.....gal. .14 - .16
Boston .....gal. .12 - .13
Bridgeport, Conn.....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .169 - —
Des Moines.....gal. .167 - —
Evansville, Ind.....gal. .136 - .146
Milwaukee .....gal. .182 - —
Minneapolis-St. Paul...gal. .173 - —
Newark .....gal. .10½- —
New York (200 gals.).gal. .10½- —
smaller lots.....gal. .11 - —
Omaha .....gal. .109 - .149
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12 - .13
Rochester .....gal. .12 - .16
St. Louis.....gal. .136 - —
Syracuse .....gal. .13 - .15
Trenton .....gal. .11½- .13½
Wilmington, Del.....gal. .15 - —
contracts, 1,000 gals..gal. .13 - —
Phenobarbital, bots.....lb. 4.50 - 4.55
Phenol, USP, dms, c.l., works, frt. equald..lb. .13¼- .14¼
l.c.l., same basis.....lb. .14 - .15
tins, c.l., same basis.....lb. .14¼- .15½
l.c.l., same basis.....lb. .15 - .16
tanks, works.....lb. .12¾- —
Phenolphthalein, USP, bbls.,dms. 2,000 lbs..lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls.....lb. .70 - —
Phenyl chloride, dms.....lb. .16 - —
Phenylacetadehyde, bots.....lb. 3.50 - 6.75
Phenylhydrazin hydrochloride,CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works...lb. 3.30 - 6.50
pure, bots., works.....lb. 2.95 - 3.25
Phloroglucinol, CP, tins,works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.35 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines..... long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .28 - .37½
Oxychloride, cyls.....lb. .16 - .20
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 2.75
Nitrate, bots., vis.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .15¾- .16¼
Pinkroot, bls.....lb. .35 - .36
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.20.00 -21.00
f.o.b. works.....ton.15.00 - —
Linseed, dms.....lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 5.00 - 5.25
Stearin, dms.....lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, cns.....lb. 3.00 - 3.25
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .35 - .40
Seed, Dutch, bgs.....lb. .07½- .08
Polish, bgs.....lb. .07¼- .07¾
Potash acetate, USP, bbls.,kgs.lb. .26 - .28
50% sol., bbls.....lb. .08½- .09
Bicarbonate, USP, cryst., bls, lb. .09 - .13
gran., bbls.....lb. .10 - .12
Bichromate, spot, c.l., works.lb. .06¾- —
6 casks or 10 bbls. or over, works..lb. .06¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l..lb. .05¾- —
liquid, dms., c.l. dlvd.....lb. .02½- —
l.c.l., 10 dms. or over...lb. .03¼- —
less than 10 dms.....lb. .03½- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls.....lb. .14 - —
powd., bbls.....lb. .19 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import., dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03½- .03½
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import. casks.....lb. .06¼- .06¾
Chlorate cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09¾
Chloride, tech., 99% cryst., bbls..lb. .04 - .04¼
Chromate, kgs.....lb. .28 - .29
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs..lb. 1.25 - 1.30
Gualacolsulphonate, cns.....lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns..lb. .36 - .37
Hypophosphite, cns.....lb. .72 - .77
Iodate, bbls.....lb. 3.20 - 3.25
Iodide, bbls., fib. dms.....lb. 1.10 - 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports..ton.12.00 - —
Manure salt, dom., 20%, K_2O, bulk, c.l.f. ports..ton.12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 30% K_2O,bulk,shipt. unit-ton. .55 - —
Metabisulphite, kgs.....lb. .15 - —
Muriate, dom., all strengths, min. 50% K_2O, bulk..unit-ton. .50 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .16 - .17
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, bbls.....lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.36.25 - —
Vegetable, bulk, f.o.b.Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.24.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .11½- .15
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .18 - .20
Propane, tanks, G.3.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .20
Pumice stone, Italian,Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03¼- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —
Ital.-grd., bgs., c.l., shipt., ex dock, N. Y..ton.33.00 Nom.
l.c.l., 5-20 tons, ex whse. ton.38.00 - —
1,000-10,000 lbs., ex whse..ton.39.00 - —
2 bgs. to 1,000 lbs., ex whse..ton.41.00 - —
single bgs.,ex whse.ton.46.00 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty com'l, dms.....100 lbs. 2.00 - —
linseed oil, raw, dms....100 lbs. 4.75 - —
refined, dms.....100 lbs. 5.25 - —
standard, dms.....100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand .....gal. 4.15 - —
basis, 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand .....gal. 6.10 - —
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over. lb. .12¾- —
fine powd., Dalmat., bbls.lb. .14 - .16
Japan, bbls., ton lots, frt. alld..lb. .15¾- —
Pyridin, denaturing, dms.....gal. 1.30 - —
refd., 2° dms.....lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins.lb. 4.60 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02¾- —
solid, 63% bgs., c.l., ex dock, plus duty..lb. .03¾- —
clarified, 64%, bgs.,c.l., same basis..lb. .04¾- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron extract, liquid, 51°, bbls..lb. .09 - .09
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flask.93.00 -95.00
Quince seed, bgs.....lb. .45 - 1.50
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .93 - —
pwd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .96 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride,cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .05¼- .05½
Dutch, bgs.....lb. .05¼- .05¾
Japanese, bgs.....lb. .05¼- .05¾
Raspberries, dried, bbls.....lb. .80 - .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport,Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indigo, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order .....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake,contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech.,dom.,bbls., lb. 1.40 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08½- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04¼- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —

Petroleum, Naphtha—Saltpeter

Red, phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila..lb. .03½ Nom.
f.o.b. St. Louis.....lb. .03¾ Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila.lb. .03¾ Nom.
St. Louis.....lb. .04 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seatt..lb. .04½ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .04¼ Nom.
2, bbls., c.l., f.o.b. N. Y., Pa., ship. pt. or ex dock N. Orleans, Phila..lb. .02¾ Nom.
f.o.b. St. Louis.....lb. .03 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03 Nom.
St. Louis.....lb. .03¼ Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seatt..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .03½ Nom.
3, bbls., c.l., f.o.b. N. Y., Pa. ship. pt. or ex dock N. Orleans, Phila..lb. .0265 Nom.
f.o.b. St. Louis.....lb. .0290 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290 Nom.
St. Louis.....lb. .0315 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seatt..lb. .03¾ Nom.
ex whse., Chgo. Cleve., Pgh..lb. .0340 Nom.
Teluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02½- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermillion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.72 - —
smaller lots.....lb. 1.73 - 1.82
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX, bxs., fib. dms., kgs., 100 lbs..lb. 1.74 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works.lb. .75 - .80
USP, cryst., cns., kgs.,works.lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .32 - .33
powd., bbls., kgs.....lb. .35 - .37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.....lb. .14½- —
smaller lots.....lb. .15 - —
powd., bbls., 5,000 lbs., 1 shipm't .....lb. .13½- —
smaller lots.....lb. .14 - —
Rose flowers, pale, bls.....lb. .23 - .25
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock.. 280 lbs.10.85 - —
E, bbls.....280 lbs.10.85 - —
D, bbls.....280 lbs.10.85 - —
F, bbls.....280 lbs.11.00 - —
G, bbls.....280 lbs.11.00 - —
H, bbls.....280 lbs.11.00 - —
I, bbls.....280 lbs.11.00 - —
K, bbls.....280 lbs.11.00 - —
M, bbls.....280 lbs.11.00 - —
N, bbls.....280 lbs.11.00 - —
W. G., bbls.....280 lbs.11.00 - —
W. W., bbls.....280 lbs.12.05 - —
X, bbls.....280 lbs.12.05 - —
Wood, F.F., bbls., spot.280 lbs.10.77 -11.80
works .....280 lbs.10.05 - —
K, bbls., spot.....280 lbs.11.02 -12.05
works .....280 lbs.10.40 - —
M, bbls., spot.....280 lbs.11.22 -12.25
works .....280 lbs.10.60 - —
N, bbls., spot.....280 lbs.11.62 -12.65
works .....280 lbs.11.10 - —
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse..ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .06½- .10
Rue, bls.....lb. .21 - .22

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, cns., 1,000 lbs.....lb. 1.70 - —
smaller lots.....lb. 1.75 - 1.90
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .53
Spanish, tins .....lb.14.00 -15.00
Safrol, cns.....lb. .57 - —
dms.....lb. .54 - —
Sage, Dalmatian, fancy, bgs..lb. .02¾- .03¾
stemless, bls.....lb. .06¼- .06½
Sago flour, bgs.....lb. .02¾- .03¾
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.04 - —
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.14.08 -14.58
l.c.l., dlvd. N. Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots...100 lbs. 7.40 - 8.15
gran., bbls.,10-20 tons..100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots...100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots...100 lbs. 7.40 - —

Santonin—Trichloroethylene

Santonin, cryst., cns. lb. 43.00 - 45.00
Saponin, cns. lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls. lb. .15 - .16
Sassafras bark, ord., bls. lb. .11 - .12
select, bls. lb. .21 - .22
Savory, bls. lb. .07½- .08
Saw palmetto berries, bgs. lb. .30 - .33
Scammony root, bgs. lb. .06 - .07
Schaeffer's salt, bgs. lb. .46 - —
Seidlits mixture, bbls., 5,000 lbs., 1 shipm't. lb. .11½- —
smaller lots. lb. .12 - —
kegs, 5,000 lbs., 1 shipm't. lb. .12 - —
smaller lots. lb. .12½- —
Senega root, bls. lb. .36 - .35
Senna leaves, Alexandria, bls. lb. .10 - .11
Tinnevelly, No. 1, bls. lb. .11 - .12
2, bls. lb. .07 - .08
3, bls. lb. .06 - .07
powd., bbls., bxs. lb. .09 - .10
siftings, bls. lb. .10 - .11
Pods, bls. lb. .06 - .07
Serpentaria root, bls. lb. .95 - 1.00
Shellac, bleached, bonedry, bbls., f.o.b. N. Y. lb. .19 - .20½
dlvd. Boston lb. .19½- .22
Chicago lb. .20 - .21½
Pacific Coast lb. .22 - .23½
refd., bbls., f.o.b. N.Y. lb. .24 - .25
dlvd. Boston lb. .24½- .25½
Chicago lb. .25 - .26
Pacific Coast lb. .27 - .27½
Garnet, bgs. lb. .16 - .17
Orange, D.C., VSO., Diamond, cases. lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago lb. .15½- .16
Pacific Coast lb. .17½- .18
T.N., bgs., f.o.b. Bost., N. Y. lb. .13½- .14
dlvd. Chicago lb. .14½- .15
Pacific Coast lb. .16¼- .17
Shellac, varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.00
4½-lb. cut., bbls. gal. .85 - .95
4-lb. cut, bbls. gal. .80 - .90
white, 5-lb. cut, bbls. gal. 1.05 - 1.15
4½-lb. cut, bbls. gal. 1.00 - 1.10
4-lb. cut bbls. gal. .95 - 1.05
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works, ton. 20.00 - —
l.c.l., 2½ tons, works, ton. 21.50 - —
smaller lots, works, ton. 23.00 - —
95-97%, 400 mesh, bgs., c.l., works. ton. 35.00 - —
l.c.l., 2½ tons, works, ton. 36.50 - —
smaller lots, works, ton. 38.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works, ton. 21.00 - —
l.c.l., 2½ tons, works, ton. 22.50 - —
smaller lots, works, ton. 24.00 - —
96-98%, 325 mesh, bgs., c.l., works. ton. 22.00 - —
l.c.l., 2½ tons, works, ton. 23.50 - —
smaller lots, works, ton. 25.00 - —
99%, 325 mesh, bgs., c.l., works. ton. 24.00 - —
l.c.l., 2½ tons, works, ton. 25.50 - —
smaller lots. ton. 27.00 - —
hard-quarts, 140 mesh, bgs., c.l., works. ton. 14.00 - —
l.c.l., works. ton. 17.00 - —
Silver, bullion oz. .45 - —
Govt. purchase oz. .7767- —
Silver nitrate, vls. oz. .32¾ - .34¾
Nucleinate, cns., 500 ozs. oz. .35 - .36
Proteinate, cns., 500 ozs. oz. .34 - .35
Simarubra bark, bls. lb. .28 - .30
Skatol, bots. oz. 4.00 -10.00
Skullcap, Eastern, bls. lb. .23 - .25
Western, bls. lb. .24 - .25
Skunk cabbage root, bls. lb. .15 - .16
Slate flour, bgs., c.l., works. ton. 9.00 - —
l.c.l., works. ton. 10.00 -15.00
Sloe berries, bgs. lb. .11 - .12
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls. lb. .06½- .07
Snakeroot, Canad., bls. lb. .24 - .26
Soapbark, bls. lb. .07 - .08
crushed, bls., bbls. lb. .11 - .12
cut, bls., bbls. lb. .09 - .10
powd., bbls. lb. .13 - .14
Soda abietate, dms. lb. .08 - —
Acetate, anhyd., dms. lb. .08¼- —
flake, 60%, dms. lb. .04½- .05½
Alginate, dms. lb. .04 - —
Antimoniate, bbls. lb. .12 - .13½
Arsenate, dms. lb. .09½- .11½
Arsenite, liq., dms. lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works. 100 lbs. 1.25 - —
l.c.l., Zone 1. 100 lbs. 2.02 - —
2. 100 lbs. 2.18 - —
3. 100 lbs. 2.43 - —
4. 100 lbs. 2.83 - —
bbls., c.l., works. 100 lbs. 1.50 - —
l.c.l., Zone 1. 100 lbs. 2.25 - —
2. 100 lbs. 2.40 - —
3. 100 lbs. 2.65 - —
4. 100 lbs. 3.05 - —
bulk, c.l., works. 100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1. 100 lbs. 1.98 - —
2. 100 lbs. 2.13 - —
3. 100 lbs. 2.38 - —
4. 100 lbs. 2.78 - —
bbls., c.l. 100 lbs. 1.40 - —
l.c.l., Zone 1. 100 lbs. 2.35 - —
2. 100 lbs. 2.50 - —
3. 100 lbs. 2.75 - —
4. 100 lbs. 3.15 - —
bulk, c.l. 100 lbs. 1.05 - —
light, 58%, bgs., c.l., works., 100 lbs. 1.23 - —
l.c.l., Zone 1. 100 lbs. 1.98 - —
2. 100 lbs. 2.13 - —
3. 100 lbs. 2.38 - —
4. 100 lbs. 2.78 - —
bbls., c.l., works. 100 lbs. 1.50 - —
l.c.l., Zone 1. 100 lbs. 2.25 - —
2. 100 lbs. 2.40 - —
3. 100 lbs. 2.65 - —
4. 100 lbs. 3.05 - —
bulk, c.l. 100 lbs. 1.05 - —

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Soda, benzoate, tech., bbls., 4,000 lbs. or more. lb. .39 - —
1,000 to 3,900 lbs. lb. .40 - —
900 lbs. or less. lb. .43 - —
USP, bbls., 4,000 lbs., or more. lb. .46 - —
1,000 to 3,900 lbs. lb. .47 - —
900 lbs. or less. lb. .50 - —
dms., 4,000 lbs. or more. lb. .47 - .48
1,000 to 3,900 lbs. lb. .48 - .49
900 lbs. or less. lb. .51 - .52
Soda, bicarbonate, gran., bbls., c.l., works. 100 lbs. 2.15 - —
powd., bbls., c.l., works. 100 lbs. 1.75 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.40 - —
kgs., c.l. 100 lbs. 2.00 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.65 - —
Bichromate, spot, c.l., works. lb. .06¾- —
6 cks. or 10 bbls. or over, works. lb. .06¾- —
5 cks. or 9 bbls. or less, works. lb. .07 - —
Bifluoride, bbls. lb. .11½- .12
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works. 100 lbs. 3.25 - 3.35
l.c.l., works. 100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., bbls., works. 100 lbs. 1.55 - —
32 deg., bbls., c.l. works 100 lbs. 1.35 - —
l.c.l., bbls., works. 100 lbs. 1.60 - —
35 deg., bbls., c.l., works 100 lbs. 1.40 - —
l.c.l., bbls., works. 100 lbs. 1.65 - —
40 deg., bbls., works 100 lbs. 1.55 - —
l.c.l., bbls., works. 100 lbs. 1.80 - —
Bromide, bbls. lb. .31 - .32
Cacodylate, jars. lb. 6.50 - 6.75
Carbonate (see Soda ash, soda menohydrated soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works. 100 lbs. 2.25 - —
dms., c.l., works. 100 lbs. 2.00 - —
l.c.l., Zone 1. 100 lbs. 3.45 - 4.80
2. 100 lbs. 3.60 - 4.95
3. 100 lbs. 3.85 - 5.20
4. 100 lbs. 4.25 - 5.60
electro process, dms., c.l., works. 100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works. 100 lbs. 2.25½- —
seller's tanks, works. 100 lbs. 2.20 - —
76%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works. 100 lbs. 2.20 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.60 - —
l.c.l., Zone 1. 100 lbs. 3.05 - —
2. 100 lbs. 3.20 - —
3. 100 lbs. 3.45 - —
4. 100 lbs. 3.85 - —
electro process, dms., c.l., works. 100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works. lb. .06¼- —
l.c.l., works. lb. .06¾- .09
powd., bgs., c.l., works. lb. .06¾- —
l.c.l., works. lb. .07 - .09½
Citrate, USP VIII, gran., bbls., 250 lbs. lb. .21 - —
cns., 50 lbs. lb. .23 - —
25 lbs. lb. .25 - .30
kgs., 100 lbs. lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns., 50 lbs. lb. .30½- —
25 lbs. lb. .31½- .33½
kgs., 100 lbs. lb. .28½- —
powd., bbls., 250 lbs. lb. .28 - —
cns., 50 lbs. lb. .30 - —
25 lbs. lb. .32 - .35
kgs., 100 lbs. lb. .29 - —
Cyanide, 96-98%, dom., dms. lb. .13½- .17½
import., cs. lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila. lb. .07½- —
l.c.l. 10 or over, same basis. lb. .07¾- —
5-9, same basis. lb. .08 - —
1-4, same basis. lb. .08¼- —
95%, bbls., c.l., same basis lb. .07½- —
l.c.l., 10 or over, same basis. lb. .08 - —
5-9, same basis. lb. .08¼- —
1-4, same basis. lb. .08¾- —

Soda fluoride prices at Los Angeles are f.o.b. Phila.

Glycerophosphate, cryst., bbls., cns., 100 lbs. lb. 1.15 - —
solution, 75%, cns. lb. .90 - —
50%, cns. lb. .75 - —
Hydrosulphite, bbls. lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs. lb. .32 - .34
Hypophosphite, cns. lb. .67 - .75
Hyposulphite, cryst., large, bbls. 100 lbs. 2.40 - 2.60
pea, bbls. 100 lbs. 2.60 - 2.80
gran., bbls. 100 lbs. 2.75 - 2.90
Iodate, jars. lb. 5.62 - 5.67
Iodide, jars. lb. 1.90 - 1.95
Metanilate, bgs. lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works. 100 lbs. 2.75 - —
gran., bbls., c.l., works. 100 lbs. 2.15 - —
l.c.l. dlvd. 100 lbs. 2.75 - 3.15
Molybdate, tech., anhyd., bgs., lb. .75 - .80
cryst., kgs. lb. .65 - .70
Monohydrate, bbls. 100 lbs. 2.00 - —
works. 100 lbs. 2.20 - —
Naphthenate, bbls. lb. .02 - —
Naphthionate, bbls. lb. .53 - .54
Nitrate, crude, 100-lb. bgs., Jan.-June dlvy., ports. ton. 27.50 - —
200-lb. bgs., same basis. ton. 26.60 - —
bulk, same basis. ton. 25.50 - —
rfd., gran., bbls, 10-25. 100 lbs. 2.25 - —
5-9. 100 lbs. 2.40 - —
1-4. 100 lbs. 2.65 - —
powd., bbls. lb. .05¼ Nom.
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized. lb. .07 - —
West Coast, f.o.b. ports. lb. .08¼- —
l.c.l. lb. .08½- .11½
Perborate, NF, bbls., c.l., works. lb. .14¾- —
l.c.l., works. lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works. 100 lbs. 1.70 - —
l.c.l., works. 100 lbs. 1.95 - —
bbls., c.l., works. 100 lbs. 1.90 - —
l.c.l., works. 100 lbs. 2.10 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. 100 lbs. 8.35 - —
tribasic, bgs., c.l., works. 100 lbs. 1.85 - —
l.c.l., works. 100 lbs. 2.10 - —
bbls., c.l., works. 100 lbs. 2.05 - —
l.c.l., works. 100 lbs. 2.30 - —
kgs., c.l., works. 100 lbs. 2.55 - —
l.c.l., works. 100 lbs. 2.80 - —
Picramate, kgs. lb. .65 - —
Prussiate, yellow, bbls., works, contracts. lb. .10 - —
spot. lb. .11½- —
Pyrophosphate, anhyd., bbls. lb. .10 - —
cryst., bbls. lb. .09¼- —
Sal, bgs., dlvd. N. Y. 100 lbs. 1.20 - —
works. 100 lbs. 1.00 - —
bbls., dlvd. N.Y. 100 lbs. 1.30 - —
works. 100 lbs. 1.10 - —
Salicylate, bxs. lb. .67 - —
Soda, sesquisilicate, dms., c.l., works. 100 lbs. 3.00 - —
20 dms. and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms. 100 lbs. 4.10 - —
1-4 dms. 100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works. 100 lbs. .80 - —
l.c.l., 5 or more, works. 100 lbs. 1.05 - —
1-4, works. 100 lbs. 1.20 - —
42°, dms., c.l., works. 100 lbs. 1.25 - —
l.c.l., 5 or more, works. 100 lbs. 1.60 - —
1-4, works. 100 lbs. 1.75 - —
Silicofluoride, dom., bbls. lb. .06½- .07
import, bbls. lb. .06½- .07
Stannate, dms. lb. .34 - .37
Stearate, lump, bbls, works. lb. .20 Nom.
powd., bbls., works. lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works. 100 lbs. 1.45 - 1.65
5 tons or over, works. 100 lbs. 1.70 - 1.90
less than 5 tns, works. 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works. 100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 2.90 - —
flake, chips, broken, bbls., c.l. works. 100 lbs. 2.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd. 100 lbs. 4.25 - —
solid, bbls., c.l., works. 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75
Sulphite, cryst., bgs., works. 100 lbs. 2.10 - 2.35
bbls. 100 lbs. 2.30 - 2.55
powd., bbls., c.l. 100 lbs. 5.25 - —
l.c.l., 5 or more. 100 lbs. 5.00 - —
1-4 100 lbs. 6.00 - —
Sulphocarbolate, cs. lb. .27 - .30
Sulphocyanide, dms., cns. lb. .39 - .47
Sulphoricinoleate, bbls. lb. .13 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs. lb. 1.30 - 1.40
tech., kgs. lb. .25 - .30
Solvent naphtha, high-flash, dms., works, frt. equald. gal. .32 - —
tanks, same basis. gal. .31 - —
Water-white, dms., works, gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works. gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns. oz. 1.10 - 1.15
Spearmint leaves, bls. lb. .22 - .30
Spikenard root, bls. lb. .12 - .15
Spruce extract, bbls., works. lb. .01½- —
tanks, works. lb. .01 - —
powd., bgs. lb. .04 - —
super, bbls., works. lb. .01¾- —
tanks, works. lb. .01¼- —
Squawvine leaves, bls. lb. .14 - .15
Squill, red, bls. lb. .14 - .15
White, bls. lb. .07 - .09
powd., bbls., bxs. lb. .12 - .13
St. Ignatius beans, bgs. lb. .31 - .32
St. John's bread, bls. lb. .05 Nom.
Starch, corn, pearl, bgs. 100 lbs. 3.90 - 4.00
powd., bgs. 100 lbs. 4.00 - 4.10
Iodide, bots. lb. 1.87 - 1.92
Potato, dom., bgs. lb. .04½- .05½
import., bgs. lb. .05 - .06
Rice, bbls. lb. .07½ Nom.
Wheat, bgs. lb. .03¾- .05¾
Stavesacre seed, bgs. lb. .35 - .40
Stearin, oleo, bbls. lb. .11¾- .12
Stillingia root, bls. lb. .08 - .09
Stonecroot, bls. lb. .06½- .07
Storax, cs. lb. .33 - .35
Stramonium leaves, bls. lb. .11 - .12
Seed, bgs. lb. .09 - .10
Strontium bromide, bbls. lb. .50 - .51
Carbonate, pure, bbls. lb. .30 - .31
Iodide, jars. lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over. lb. .08¼- —
1-4 bbls. and over. lb. .08¾- —
import, bbls. lb. .08¼- .09
Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50
Strychnine, cryst., cns. oz. .48 - .51
powd., cns. oz. .38 - .41
Acetate, cns. oz. .64 - —
Arsenate, cns. oz. .66 - —
Arsenite, cns. oz. .64 - —
Glycerophosphate, cns. oz. .65 - —
Hydrochloride, cns. oz. .64 - —
Hydrophosphite, cns. oz. .75 - —
Nitrate, cns. oz. .58 - —
Phosphate, cryst., cns. oz. .65 - —
Sulphate, cryst., cns. oz. .42 - .45
powd., cns. oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works. lb. .40 - —
Sugar coloring, bbls. gal. .65 - 1.05
Milk, bbls., c.l. lb. .13 - —
l.c.l., 10 or over. lb. .15 - —
less than 10. lb. .16 - .17
Sulphonethylmethane, kgs. lb. 6.75 - 6.80
Sulphonemethane, kgs. lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts. long ton. 18.00 - —
c.l., spot, nearby. long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton. 22.00 -25.00
Bost., Portland. long ton. 22.50 -25.50
flowers, bgs. 100 lbs. 3.00 - 3.75
bbls. 100 lbs. 3.35 - 4.10
ref., broken, bgs. 100 lbs. 2.15 - 2.90
bbls. 100 lbs. 2.30 - 3.05
flour, com'l, bgs. 100 lbs. 1.60 - 2.35
bbls. 100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls. 100 lbs. 3.20 - 3.95
heavy, bgs. 100 lbs. 2.55 - 3.30
bbls. 100 lbs. 2.90 - 3.65
light, bgs. 100 lbs. 2.65 - 3.40
bbls. 100 lbs. 3.00 - 3.75
roll, bgs. 100 lbs. 2.35 - 3.10
bbls. 100 lbs. 2.50 - 3.25
Chloride, dms., works. lb. .03½- .04
tanks, works. lb. .03 - .04
Dioxide, liq., com'l, cyls., wks., lb. .07 - .09
multi-unit cars, works. lb. .04½- .07
tanks, works. lb. .04 - .05
refrigeration, cyls., works. lb. .11 - .15
multi-unit cars, works. lb. .07½- .10
Iodide, bots., jars. lb. 3.80 - 3.95
Sumac, Sicilian, grd., bgs. ton. 58.00 - —
Extract, 42°, bbls. lb. .04½- .06½
51°, bbls. lb. .06½- .08½
Stainless, bbls. lb. .08½- .09¼
Sumac, leaf, Sicilian, bls. ton. 61.00 - —
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs. lb. .06¼- .06¾
poultry, bgs. lb. .05¾- .06¼
Hungarian medium, bgs. lb. .07 - .07½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - Nom.
run-of-pile, basis 16%, bulk same basis. ton. 7.50 - Nom.
triple, 44-45%, a.p.a. bulk, f.o.b. Balto. unit-ton. .70 - —

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Talc, dom., Calif., 1, bgs., c.l., mills. ton. 20.00 - —
2, bgs., c.l., mills. ton. 17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton. 13.00 - —
l.c.l., mills. ton. 15.00 - —
96-98%, 325 mesh, bgs., c.l., mills. ton. 14.00 - —
l.c.l., mills. ton. 16.00 - —
coarse, off color, bgs., c.l., mills. ton. 10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills. ton. 21.00 - —
l.c.l., mills. ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse. ton. 25.00 - —
import., Canad., bgs., c.l., dlvd. ton. 28.00 - —
l.c.l., dlvd. ton. 28.50 - —
French, high-grade, bgs., l.c.l., ex whse. ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival. ton. 23.00 -25.00
l.c.l., ex whse. ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton. 65.00 -67.00
ex whse. ton. 85.00 - —
2, bgs., ex dock, arrival. ton. 60.00 -62.00
Tallow, animal, edible, bbls. lb. .09½- Nom.
extra, loose, works. lb. .08¾- —
special, loose, works. lb. .08¼- —
sulphonated 35% (24% fat), dms., c.l. lb. .06 - —
l.c.l. lb. .06½- —
50% (43% fat), dms., c.l. lb. .06½- —
l.c.l. lb. .07 - —
50% (48% fat), dms., c.l. lb. .07 - —
l.c.l. lb. .07½- —
Tamarinds, W. I., bbls. lb. .06 - .06½
kegs keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-15%, bulk. unit-ton. 4.25 & .10
ungr., 10-15%, bulk. unit-ton. 4.25 & .10
fertilizer grade, 11-15%, bulk, Chicago. unit-ton. 3.75 & .10 Nom.
high-grade feeding, bulk, Chicago. unit-ton. 4.50-4.75 & .10
import., S. Amer., bulk, c.i.f. ports, shipt. unit-ton. 4.00 & .10
Tansy leaves, bls. lb. .18 - .20
Tapioca flour, bgs. lb. .03½- .05½
Tar, pine, retort, bbls., dlvd., ports gal. .26 - —
dms., c.l., dlvd. E. cities. gal. .26 - —
dlvd. ports. gal. .25 - —
tanks, dlvd. E. cities. gal. .20 - —
Tar acid oil, 15%, dms, c.l., works. gal. .21 - —
l.c.l., same basis. gal. .24 - —
25%, dms., c.l., works. gal. .24½- —
l.c.l., same basis. gal. .27½- —
Tartar emetic, tech., fine gran., bbls., 5 or more. lb. .24¾- —
less than 5. lb. .25 - —
powd., bbls., 5 or more. lb. .24¾- —
less than 5. lb. .25 - —
USP, powd., bbls. lb. .30 - .30½
Terebene, cns. lb. .70 - .75
Terpenyl acetate, cns. lb. .85 - 1.00
Terpin hydrate, kgs. lb. .45 - .46
Terpineol, CP, cns. lb. .26 - —
dms. lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts lb. .13¾- —
tanks lb. .14 - —
contracts lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works. lb. .08 - .08½
Tetrachloroethylene, CP, dms. lb. .25 - .28
tech., dms. lb. .10 - .10½
Tetralin, dms. lb. .12 - —
Theobromine, cns. lb. 1.85 - 1.95
Sediosalicylate, cns. lb. 1.65 - 1.75
Thiocarbanilide, dms. lb. .20 - —
Thorium nitrate, cs., works. lb. 2.20 - —
Thyme, French, bls. lb. .09½- .10
Thymol, bots., 100 lbs. lb. 1.55 - —
smaller lots. lb. 1.60 - 1.85
Iodide, kgs., 50 lbs. lb. 3.15 - 3.20
25 lbs. lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26½- —
5 tons, same basis. lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs. lb. .38½- .39
Metal, Straits. lb. .51¾ Nom.
Oxide, bbls. lb. .55 - .57
Tetrachloride, anhyd., bbls. lb. .26¾- —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld. lb. .16 - —
Pac. cst., f.o.b. terminals. lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd. lb. .16½- —
Pac. cst., ex whse. lb. .16¾- —
50-999 lbs., E. dlvd. lb. .16¾- —
Pac. cst., ex whse. lb. .16¾- —
under 50 lbs., E. dlvd. lb. .19 - —
Pac. cst., ex whse. lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld. lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd. lb. .16¾- —
50-999 lbs., E. dlvd. lb. .17 - —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld. lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd. lb. .06 - —
Pac. cst., ex whse. lb. .06 - —
under 50 lbs., E. dlvd. lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld. lb. .06 - —
50-999 lbs., E. dlvd. lb. .06¼- —
calcium base, bgs., 1,000-lb. lots, E. frt. alld. lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd. lb. .06 - —
Pac. cst., ex whse. lb. .06 - —
under 50 lbs., E. dlvd. lb. .06¾- —
bbls., 1,000-lb. lots, E. frt. alld. lb. .06 - —
50-999 lbs., E. dlvd. lb. .06¼- —
Tolidin base, kgs. lb. .88 - .90
distilled, kgs. lb. .95 - 1.00
Tolu, balsams, cns. lb. .48 - .53
Toluidin, mixed, dms. lb. .26 - —
Toluol (toluene), pure, dms., works. gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works. gal. .30 - —
Tonga vine, NF, bls. lb. .28 - .30
Tonka beans, Angostura, cks. lb. 2.50 - 2.60
Triacetin, dms. lb. .26 - —
Triamyl borate, dms., l.c.l., works. lb. .27 - —
Triamylamine, dms, l.c.l., works. lb. 1.25- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies. lb. .089 - —
W. of Rockies. lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies. lb. .094 - —
W. of Rockies. lb. .104 - —

Tricresyl phosphate, CP, cns., dlvd..lb. .25 - .40
dms., c.l., dlvd.....lb. .12 - —
500 lbs., dlvd.....lb. .25 - —
tech., 1, cns., dlvd.....lb. .26 - .37
dms., c.l., dlvd.....lb. .22½- —
500 lbs., dlvd.....lb. .22 - —
2, cns., dlvd.....lb. .24 - .35
dms., c.l., dlvd.....lb. .20½- —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works..lb. .26 - .30
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms.....lb. .28 - .34
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.50 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs.,c.l.,works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06 - .06½
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .47½- —
l.c.l., 10, ex dock.....gal. .49½- —
5, ex dock.....gal. .51½- —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd., E. cities..gal. .31 - —
steam-dist., dms., c.l., dlvd. gal. .46 - —
l.c.l., dlvd.....gal. .49 - —
tanks, dlvd.....gal. .41 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00 - —
1 to 9 tons, same basis.. ton.110.00 - —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt. ton.95.00 - —
10 to 19 tons, same basis. ton.100.00 - —
1 to 9 tons, same basis. ton.110.00 - —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
Uric, cs.....lb. 14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports. unit-ton. No prices
Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, 67s.....lb. .11 - .12
Valonia, beards, bgs., shipt...ton.46.00 - —
Cups, bgs., shipt.....ton.34.00 Nom.
Vanilla beans, Bourbon, tins..lb. 3.75 - 4.25
Mexican, tins .....lb. 4.00 - 4.50
cut, tins .....lb. 3.50 - 3.75
South American, tins.....lb. 3.50 - 3.75
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more. lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs...lb. .47 - .49
Verdigris, kgs.....lb. .24 Nom.
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .75 - .80
tree, bark, bls.....lb. .22 - .24
Wattle bark, bgs., shipt.....ton.31.00 -32.00
Extract, 60°, bbls.....lb. .08½-
Wax, bayberry, import, bgs...lb. .16½- .17
Bees, white, bleach., slabs, cs., 500 lbs..lb. .38 - .40
yellow, crude, Africa, bgs., lots of 10..lb. .26 - .26½
1 bg.....lb. .26½- .27
Brazil, Chile, bgs., 5-10 tons..lb. .28 Nom.
1 ton.....lb. .28½ Nom.
500 lbs.....lb. .29 Nom.
100 lbs.....lb. .29½ Nom.
refd., slabs, cs., lbs.....lb. .32½- .32
Candelilla, bgs., 1 ton.....lb. .15 - .15½
jobbing lots.....lb. .15½- .16
Carnauba, chalky 3, bgs., 1 ton. lb. .33½- .34
5 bags.....lb. .34 - .34½
1 bg.....lb. .34½- .35
N. C. 2 bgs.....lb. .35½- .36
N. C. 3 bgs., 1 ton.....lb. .33½- .34½
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
refined, bgs.....lb. .37½- .38½
yellow, 1 bg., 1 ton.....lb. .43 - .46
5, bgs.....lb. .43½- .46½
1, bgs.....lb. .46 - .47½
2, bgs.....lb. .44 - .45½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08 - —
jobbing lots.....lb. .09 - —
150°-160° m.p., bgs., 1 ton..lb. .09 - —
jobbing lots.....lb. .10 - —
160° m.p., bgs., 1 ton.....lb. .10 - —
jobbing lots.....lb. .11 - —
Japan, cs.....lb. .09¾- .10½
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11¼
less than 1 ton.....lb. .11¼- .11⅝
Wax ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .22 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .55 Nom.
snow-white, pure, 76°-78° C., bgs...lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bbls., bxs., fib. dms..lb. 1.76 - —
Whiting, chalk, comm., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -12.50
l.c.l., works.....ton.12.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.16.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.00 -15.50
l.c.l., works.....ton.15.00 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
extra bolted, bbls., c.l., works..ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.00 -17.50
l.c.l., works.....ton.15.00 -18.50
Paris white, bip. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.00 -20.00
l.c.l., works.....ton.15.00 -21.00
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75% 200 mesh, bgs. (extra), c.l., frt. alld. to $2 per ton..ton.10.00 - —
99.75% 200 mesh, ogs., c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
48-52% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 5-20 tons, works..ton.12.50 - —
4-5 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, ogs. (extra), c.l., works..ton.12.00 - —
l.c.l., 5-20 tons, works.. ton.13.50 - —
4-5 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 5-20 tons, works..ton.12.00 - —
4-5 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 5-20 tons, works.ton.12.50 - —
4-5 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06 - .06½
rossed, green, bls.....lb. .08½- .09
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .60
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works.. ton.18.00 -24.00
Import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs.,ex dock..ton.26.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .11 - .12
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), comm., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
18°, dms., works.....gal. .25 - —
tanks, E. of Omaha, frt. alld. gal. .32 - —
W. of Omaha, works.....gal. 32 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.30
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .49 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. .90 - .95
Yellow, bbls., works.....lb. .90 - 1.00
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Pauls, contracts..lb. .13 - —
open order.....lb. .14 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Texa, Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 3c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A. bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .03½- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .01½- —
E, bbls., works.....lb. .01¼- —
F, bbls., works.....lb. .01¼- —
G, bbls., works.....lb .01¼- —
H, bbls., works.....lb .01¼- —
Yellow, ocher, French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import..lb. .0235- —
New York (f.o.b.)..lb. .02¼- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York.....lb. .02½- —
Philadelphia, for import..lb. .02½- —
Portland, Seattle..lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E. St. Louis, Indipolis., K. City, Milwauk., St. Louis, lb. .03¼- —
Minneapolis .....lb. .03½- —
New York.....lb. .02½- —
Pittsburgh .....lb. .03½- —
Portland, Seattle...lb. .03⅝- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02½- —
from whse.....lb. .02⅝- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04⅝- —
synth., bbls., c.l., works...lb. .06⅝- —
l.c.l., works.....lb. .07 - .07½
Yellow, Persian orange (see O)
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumer, E. of Rockies..lb. .10 - —
dealers .....lb. .09½- .14½
1,000 lbs. and over, consumer..lb. .10½- —
dealer .....lb. .10 - .15
less than 1,000 lbs., consumer..lb. .11 - —
dealer .....lb. .10½- .15½
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .21 - .23
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., dms., works.100 lbs. 4.60 - —
gran., dms, c.l., works.100 lbs. 5.00 - —
l.c.l., dms, works.100 lbs. 5.75 - —
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .03 - —
Cyanide, kgs., works.....lb. .30 - —
Dust, bbls., c.l., dlvd.....lb. .0735- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0810- —
less than 10,000 lbs., dlvd. lb. .0900- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05
Metal (see daily quotations in Market report).
Oxide, pigment, dom., Amer. process, comm., lead-free, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05⅝- —
ex-whse.,Pac. cst.lb. .05⅝- —
leaded, 5% 25%, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05⅝- —
ex whse.,Pac.cst.lb. .05⅝- —
bbls., c.l., dlvd.....lb. .05⅝- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
50%, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
French process, comm., lead-free, bgs., c.l., dlvd.lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst. lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
green seal, bgs, c.l., dlvd. lb. .05½- —
l.c.l., dlvd., except Pac. cst. .....lb. .05½- —
ex whse., Pac. cst. lb. .05¾- —
bbls, c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
red seal, bgs., c.l., dlvd. lb. .05¾- —
l.c.l., dlvd. except Pac. cst..lb. .06 - —
ex whse., Pac. cst. lb. .06 - —
bbls, c.l., dlvd.....lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex-whse.,Pac. cst.lb. .06¼- —
white seal, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd. except Pac. cst..lb. .07 - —
ex whse., Pac. cst. lb. .07 - —
bbls., c.l., dlvd.....lb. .07 - —
l.c.l., dlvd., except Pac. cst..lb. .07¼- —
ex-whse.,Pac. cst.lb. .07¼- —
import., gold seal, cks., ex dock..lb. .10¾- 11⅛
green seal, bbls.,1-15 tons, ex dock..lb. .07½- .09¾
ex whse.....lb. .07¾- .09¾
red seal, bbls., 1-15 tons, ex dock..lb. .08¾- —
ex whse.....lb. .08 - —
white seal, cks., lots of 5, ex dock..lb. .09¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock..lb. .10 - —
ex whse.....lb. .10¼- —

Tricresyl Phosp.—Zirconium

Zinc, oxide, USP, bbls., c.l.....lb. .06 - —
l.c.l.....lb. .06¼- —
Palmitate, bbls.....lb. .22 - .23
Resinate, fused, pale, bbls...lb. .09 - .10
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., cans., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - .22
Sulphate, cryst., bgs., c.l.100 lbs. 2.65 - —
l.c.l.....100 lbs. 3.40 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l.....100 lbs. 3.55 - —
flake, bgs., c.l....100 lbs. 3.05 - —
l.c.l.....100 lbs. 3.80 - —
bbls., c.l.....100 lbs 3.20 - —
l.c.l.....100 lbs. 3.95 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l.....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l.....100 lbs. 5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .60 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .62½- —
bbls., c.l. (20 tons), dlvd..lb. .60½- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .62½- —
Sulphocarbolate, NF, bbls...lb. .34 - .36
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 4.65 - —
l.c.l., dms. works.....100 lbs. 5.00 - —
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb. .04 - —
l.c.l., dlvd. except Pac. cst....lb. .04½- —
ex whse., Pac. cst....lb. .04½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works.lb. .04½- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.52

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the December 7 issue; the next printing will be in the January 4 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 33.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing give the number of the item:—

Corn Oil, crude and refined:—Purchase, Montreal, Canada (2178).

Cresol:—Agency, Istanbul, Turkey (2175).

Dynamite for road building:—Agency, Guatemala City, Guatemala (2173).

Glycerin:—Agency, Istanbul, Turkey (2175).

Medicinal herbs:—Agency, Istanbul, Turkey (2175).

Petroleum jelly:—Agency, Istanbul, Turkey (2175).

Soaps, laundry, in bars:—Agency, Melilla, Spanish Morocco (2196).

Sulphuric acid:—Agency, Istanbul, Turkey (2175).

Talcum:—Agency, Havana, Cuba (2160).

Toluol:—Agency, Istanbul, Turkey (2175).

Lead Products Bureau Is Started by British

Inauguration of a lead products technical information bureau was announced at a recent meeting of the Lead Industries Council, London, England, by the chairman, H. S. Tasker. Authorities on modern building materials have been engaged for the permanent staff.

As part of its extensive program, the bureau will continue to augment and correlate data on lead work and practice already assembled by the council, and will act as the distribution center for information on standard and improved practice in lead and lead-paint work.

Information sheets and bulletins will be published on the use of lead for sound vibration, insulation, X-ray protection, and the use of lead paints in shipbuilding and in the protection of steelwork. An important part of the bureau's work will be to deal with postal inquiries received by the council on technical matters.

Richard C. E. Taggesell, manufacturing chemist of Orchard Park, N. Y., suburb of Buffalo, who died last Spring, left an estate appraised at $319,430.

Oil, Paint & Drug Reporter

Founded October 18, 1871, by William O. Allison

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Vol. 130 December 28, 1936 No. 26

Observers with various degrees of qualification are almost unanimous in declaring that business in general will be better in 1937 than it has been in 1936. There is an abundance of evidence which, at its face value, makes it easy to accept that these predictions are founded on facts. Even upon more than cursory analysis, much of this evidence remains strongly supporting of the belief that business on the whole will continue to improve.

Business Will Be Better

One of the strongest supports for this belief is found in the report of the Department of Labor that the number of workers employed in industry and trade in November, this year, exceeded by 1,100,000 the number recorded in the corresponding month of 1935. This gain in employment has been accompanied by an increase of more than $50,000,000 in the weekly payroll of the nation's workers. As it is the money earned through employment that chiefly supports and increases the means of employment, it is logical that business should have a better start for 1937.

It is particularly important that a large part of the gain in employment and payrolls made during the past year was in the fields of the heavier industrial operations, in the production of durable goods and capital goods. Operations in these fields contribute in larger proportion than do those in the fields of consumer goods to the general capacity to buy that is the foundation of business. The earnings through employment in the latter fields must to a larger extent go back for the purchasing of their own products.

Because the foundation of business has been substantially strengthened and extended, the possibility of building business to a greater size is clear. There is evidence that the prevailing attitude with respect to this expansion is tempered with more than a little caution; that the tendencies of a decade ago to inflate, not only perceptible possibilities, but imaginary ones as well, are not being permitted to develop. This adds much to the encouragement which the business outlook presents.

Business improvement goes into the new year with a strong propelling force behind it. That force cannot be expected to hold its relativity to the resistance by which it is opposed, unless it is proportionately developed. There is a grave question whether the balance can be maintained by working on the force alone; and it is in several ways doubtful that to attempt this would ultimately be the better course.

Prices Can Go Too High

Price advances are the major force behind business improvement. It has been necessary that prices be advanced. But, this movement is approaching a point where further advances will begin to exert their restrictive influence on buying, to apply the downward pressure that always has been the beginning of depression.

The relation of price levels to the national buying capacity is not adequately comprehended. There are no statistical records showing the point at which the advancing of the price of a given article brought it into a stratum of the supporting medium that was of too low density. Charging all that the traffic will bear is unscientific monkeying with economic balances, and eventually turns out to be a bad guess.

It must be recognized that, while business activities can be raised to a level commensurate with that of the price structure, the price level cannot be raised above that of ability to pay. Hence the expectancy of business improvement must be largely determined by the expectations of profits. It is doubtful that the present rate of price raising in certain lines—the practice is far from common, but it is sufficiently influential to affect the cost of living—can be continued longer than the first quarter of the new year without passing the point of diminishing returns. It will be far wiser to peg prices where they are and to be satisfied with a slower rate, but farther ultimate progress, of improvement.

—O-P-D—

There are numerous avenues along which business improvement may confidently be expected to proceed during 1937. Two of these highways are specially broad and well-lighted; these are building construction and railroad operations. While both of these channels of progress and prosperity are fed largely by tributaries reaching into every other field of industry and commerce, they have traffic peculiarly their own, which is of no mean volume.

Highways of Improvement

Building construction is badly needed. But, its development lies in well-planned operations that will meet the obvious needs; and depends to a great extent on the providing of well-built houses that can be owned or rented at a cost within the ability of those whose needs are greatest. The development of the latent possibilities of building construction calls for a revolutionary change in building practice, that must parallel and in many respects match mass production in manufacturing. There is a serious question whether private enterprise is willing to initiate this change. Certainly further development of means of private financing of low-cost building is necessary. But, it is far from certain, in spite of gratifying trends in that direction, that this can be provided without the help of governmental guaranties for some further time at least.

If the relationships between the financial and the productive divisions of industry were what they should be for the best promotion of their mutual interests, such problems would not arise. There are possibilities, however, in the present state of the money market, which the various industries with a stake in building construction might profitably study with a view of co-operating in providing finances for expanded operations. It will be too late, for even regrets, when the building of low-cost homes will have been taken over by a wholly new mass-production industry.

One of the most promising aspects of the outlook for railroad operations is presented in the termination of the emergency surcharge in freight traffic. The immediate future of the railroads is in a number of hands more or less closely linked with destiny. But, in large part it is in the hands of railroad management. There is a precedent of promise in the results of the lowering of passenger fares, which should not be disregarded in connection with the reduction in freight rates. Railroading has too much competition today to be unmindful of the fact that reducing profits can be made to increase earnings.

Of course the financial interests in railroading must be convinced that the business cannot survive if its efforts are too largely devoted to making money for investors. If they cannot be won over to this view, the hands of management will be tied until such a time as the already increasing pressure will have become sufficient to break the bonds—and that goes also for bonds in the financial sense of the word. The railroads have an opportunity to come back and to go ahead. On what they do with this opportunity will depend where they are a year from now; for they can slip farther down.

—O-P-D—

A doubtful factor in the determining of the time and extent of continued business improvement is the trend of political programs. There can be no doubt that the executive branch of the Federal government can practically have its way with respect to economic legislation. There is not much doubt that the judicial branch has substantially revised its views over the past eighteen months. The hand of politics can play hob with business improvement, although there is no clear reason to expect it to do so.

How Long Will It Last?

The views of business and those of government on burning questions of economic policy have been brought much closer together than they were a year ago. They can be harmonized, and this, from all appearances, can be accomplished by the selection of the proper representatives of the financial, management, and labor elements of business in counseling and advising with government.

So, it may be expected that business will continue to improve as long as the improvement is not too rapidly forced. As long as the realization of the social duties of business, which its leaders have expressed, is manifested in practice. As long as the government keeps a restraining hand on those who, given an inch, demand an ell. The last condition applies particularly to labor and points the need for real statesmanship in the developing of industrial policies.

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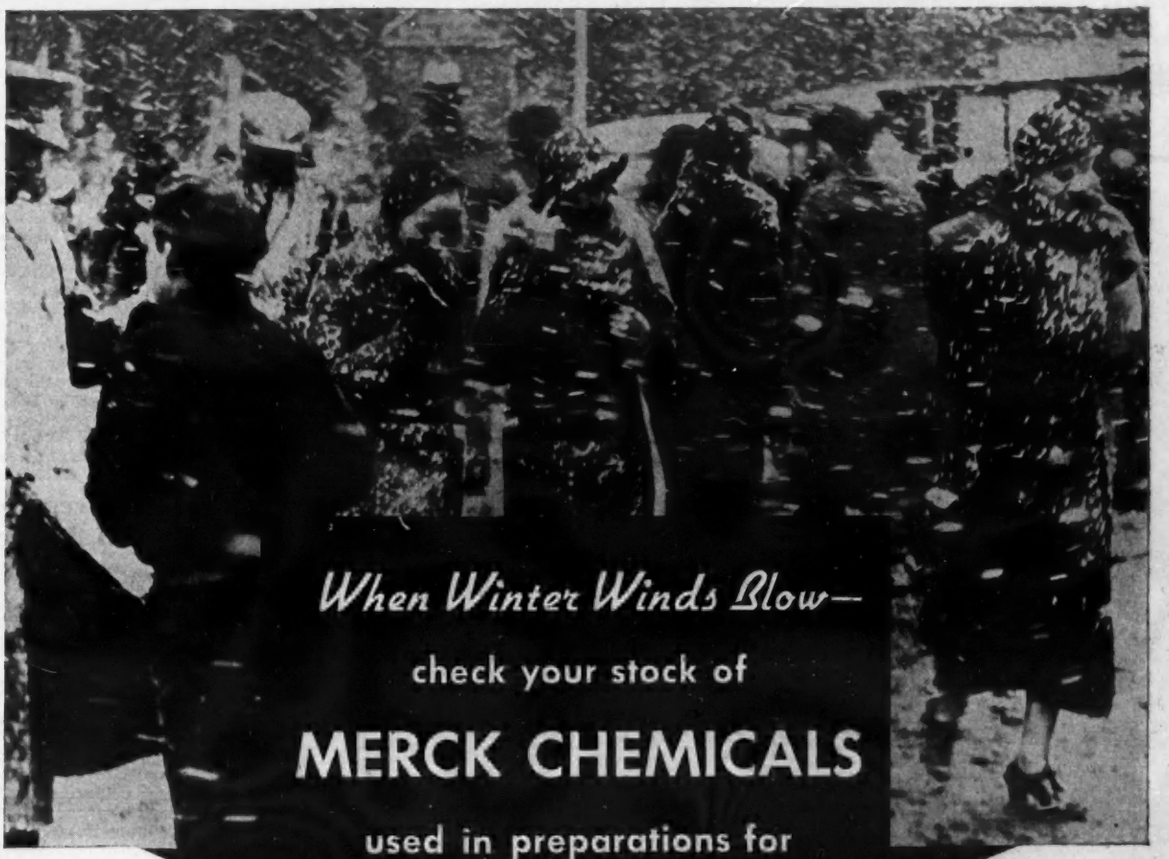

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QUININE SULFATE
QUININE BISULFATE
QUININE HYDROCHLORIDE
OTHER QUININE SALTS
CINCHONINE SULFATE
CINCHONIDINE SULFATE
CINCHONA ALKALOIDS MIXED
ACID ACETYLSALICYLIC
SODIUM SALICYLATE SALOL
METHYL SALICYLATE ACID SALICYLIC
CINCHOPHEN NEOCINCHOPHEN

RARE ALKALOIDS SILVER PROTEIN
THEOPHYLLINE CHLORBUTANOL
CAFFEINE CAFFEINE CITRATED
ANTIPYRINE
BROMIDES
PAPAVARINE CODEINE SULFATE
CODEINE PHOSPHATE DIONIN
MORPHINE SULFATE
COCAINE HYDROCHLORIDE
POTASSIUM IODIDE
PHENOBARBITAL
PHENOBARBITAL SODIUM
BARBITAL BARBITAL SODIUM
STRYCHNINE DEXTROSE

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CHLORTHYMOL
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V 130 26

Witco Carbon Black Plant Well Under Way

Construction of the new carbon black plant of the Witco Carbon Company, at North Plains, Texas, is proceeding at such a rapid rate that first production is expected early in February. A complete engineering staff is pushing the work ahead of schedule.

The plant, located about a mile north of the McKee plant of the Shamrock Oil & Gas Company, is being built on the most modern line; will contain the most up-to-date equipment obtainable, and have a capacity of 70,000,000 cubic feet a day.

A neatly laid out village of modern homes for the workmen has been built already and construction of a siding to the plant was completed in short order by the Rock Island railroad. The newly formed company has headquarters in this city and a subsidiary office at Amarillo, Texas.

Zinc Oxide Component of German Hide Preservative

A new process for the preservation of hides and skins has been developed by the Studiengesellschaft der Deutschen Lederindustrie G.m.b.H., the research organization of the German leather industry and patented under number 632,-335. The process is intended to overcome some undesirable features of salting, especially the so-called "salt spots."

According to information received by the Department of Commerce from the consular office at Frankfort-on-Main, the new process calls for the use of a compounded reagent as follows:— Calfskins are salted with a mixture of (for each 3,300 kilos of skins) 1,000 kilos of common salt and 12.5 kilos of zinc oxide.

Pratt & Lambert Presents Xmas Turkeys and Awards

Following a long-established custom, employees of the Buffalo and Fort Erie factories, and officials of the Pratt & Lambert Company, paint and varnish manufacturer, assembled in Buffalo Christmas Eve for the annual presentation of service awards and distribution of turkeys.

Awards were presented by Harold E. Webster, president of the company, to the following:—For 20 years' service, Grace S. Jones, John Effinger, Frank H. Hemperly, James H. Schable, and Stanley E. Walgate; for 10 years' service, Frank Bezlobanko, Frank Brucato, Samuel Gould, Herbert Harrison, Irving Hiam, Albert Kolpack, Vincent Nardozzi, Charles Pfalzer and Norine Tobin, all of the Buffalo plant, and to John Coutts, Harley I. Zintel, and Thomas Horn, of Fort Erie factory. Turkeys were distributed also at the Chicago and New York plants, and at the latter awards for 10 years' service were given to May R. Balda and Stanford Lenox.

Shellac Importers Association Elects George Ashby Secretary

George Ashby, for many years a partner in the firm of John R. Anderson & Co., shellac broker, this city, was elected secretary of the United States Shellac Importers' Association at a meeting held December 18. Mr. Ashby succeeds L. Babbage, of William Zinsser & Co., who had occupied the office for a number of years. Mr. Babbage also served as treasurer of the organization, and Ralph McClintock, of the MacLac Company, succeeds him in that office.

Mr. Ashby was closely identified with the shellac business in this city until the dissolution of his partnership with John R. Anderson several years ago. His reputation for scientific knowledge relating to shellac problems was widespread, and, in addition to that, he has a host of friends in the industry.

The association held a Christmas party in the Downtown Athletic Club December 22. About forty-five were gathered for the good time, which included a well-filled table and entertainment. A feature of the occasion was the singing of Messrs. Lawler, J. T., and Louis Gillespie. Philip Rowe, president of the association, presided.

Rohs Nominated for Paint-Allied President

Nominations for officers and directors for 1937 of the Paint and Allied Industries Credit Association, affiliated with the New York Credit Men's Association, and to be voted on at the first meeting in January, have been made as follows:—For president, William Rohs, of the Colonial Works; first vice-president, Martin B. Weinstock, of the M. J. Merkin Paint Company; second vice-president, John C. Ball, of the M. Ewing Fox Company; treasurer, Victor Isaacs, of the Central Paint and Varnish Works. Directors—Harry F. Forster, of the Keystone Varnish Company; Samuel Samuels, of the Eagle Paint and Varnish Works; and William H. Woods, of the National Lead Company.

Mr. Rohs, first vice-president of Paint and Allied, was the guest speaker at the December meeting of the Travelers' Association of the local paint and allied trades, and spoke on "Tell It to the Credit Men." The Paint and Allied plans a return address by a guest speaker from the Paint Travelers' Association at an early meeting.

Explosives Production Cut 2 Percent in 1935

Production of explosives in the United States during the calendar year 1935 decreased 2 percent from 1934, according to a report by the Bureau of Mines covering all companies engaged in the manufacture of explosives during those years. Reports from manufacturers showed a total production of 308,381,250 pounds of explosives; this quantity included 39,170,016 pounds of permissible explosives, 200,323,559 pounds of high explosives other than permissibles, and 68,887,675 pounds of black blasting powder, of which 34,222,-625 pounds were granular powder and 34,665,050 pounds pellet powder.

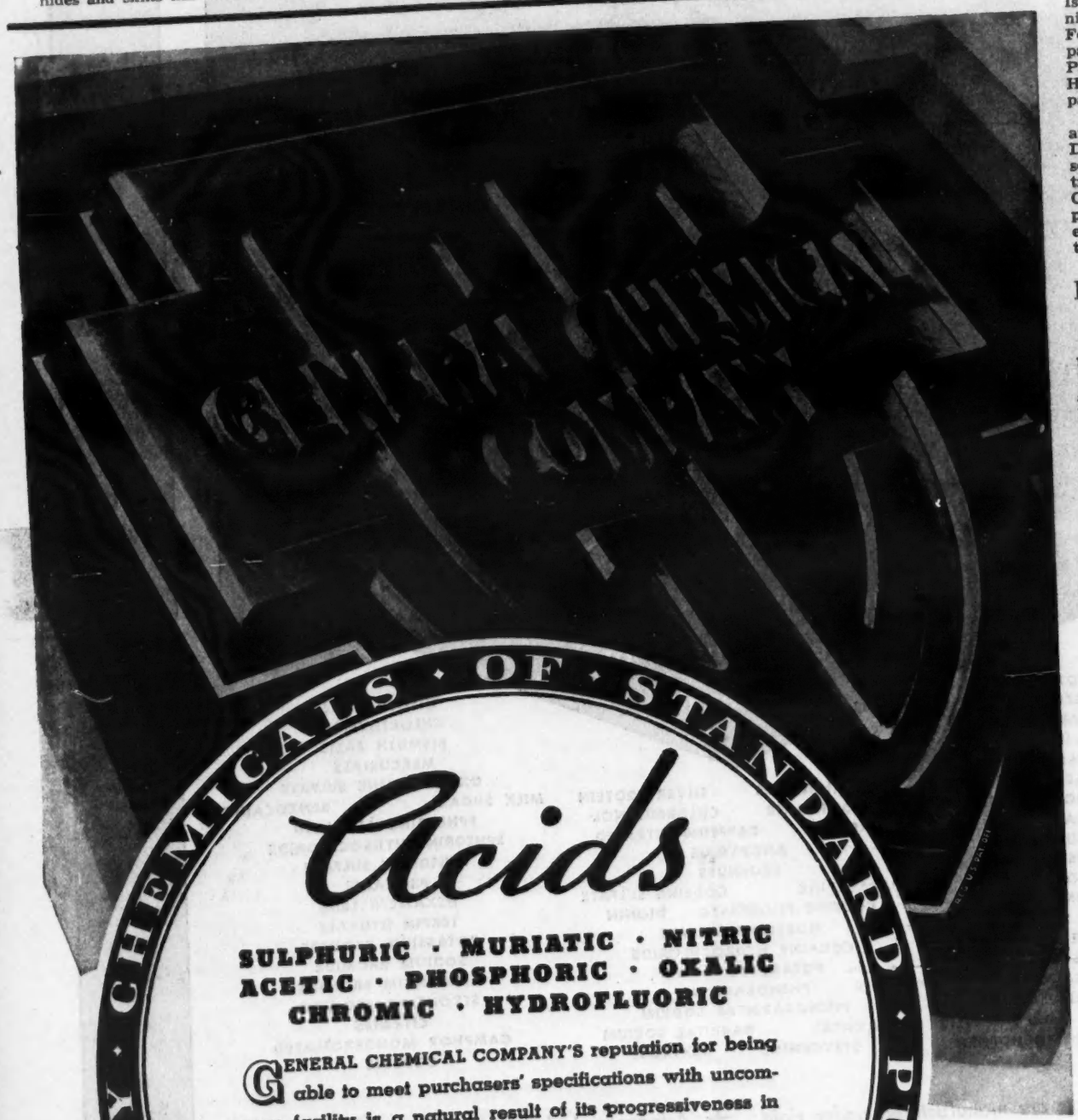
Coal mines consumed 89 percent of the total production of blasting powder, 99 percent of the total output of permissible explosives, and 11 percent of the output of other high explosives. The metal mines of the United States used 28 percent of all high explosives other than permissibles, less than 1 percent of all permissibles, and 1 percent of all black powder produced. Quarries and nonmetallic-mineral mines consumed 17 percent of the high explosives other than permissibles, less than 1 percent of the permissibles, and 3 percent of the blasting powder. Construction work required the largest quantity, 40 percent of all high explosives manufactured during the year. Less than 1 percent of the permissibles and 6 percent of the black powder produced during 1935 was used in construction work.

German Chemical Exhibition

The eighth annual Achema Chemical Engineer Show will be held at Frankfort-on-Main, Germany, July 2 to 11 on the occasion of the annual meeting of German chemists together with the celebration of the semi-centennial of the Society of German Chemists. The advance booking has contracted for more than 100,000 square feet of floor space with German firms of the chemical engineering industry, and the directors are confident the exhibition will exceed all its predecessors in volume and importance.

Peaslee-Gaulbert Advances Kelly

E. P. Kelly, sales manager of the Peaslee-Gaulbert Paint & Varnish Company, Louisville, Ky., division of Devoe & Raynolds Company, has been made vice-president and general manager of the division, succeeding the late S. E. Booker. Mr. Kelly is a native of Louisville; had traveled for the company for about ten years and then joined the sales office in Louisville.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Heavy Chemicals

General Demand Slackens—Aqua Ammonia 1937 Drum Prices Released—Blue Vitriol and Lead Acetate Advanced—Antimony Oxide Higher—Tin Salts Barely Steady

Sharp contraction in demand was reported in the market for heavy chemicals during the week just ended. The Christmas Day holiday intervention, together with the near approach of the year-end, as well as labor difficulties in numerous industrial lines, figured prominently in slowing down buying. New prices were released last week on aqua ammonia, blue vitriol, lead acetate, soda nitrite, antimony oxide and soda metasilicate.

Further advance in price for blue vitriol was caused by an advance in quotations for electrolytic copper to the highest level on record since 1930. Lead acetate was also higher by reason of an advance in basic costs. Soda nitrite prices for car-lot quantities showed a slight decline, and the less than car-lot schedule was also readjusted. Antimony oxide was higher because of an increase in production costs. Soda metasilicate prices were unchanged as far as car-lot quotations were concerned, but a slight advance was reported in certain less than car-lot quantities. Tin salts continued barely steady, reflecting a downward movement in Straits tin quotations. Aqua ammonia prices were revised, bringing the open price schedule in line with actual conditions. Labor unsettlement in a number of industries feeding the automobile industry was reflected in the movement of chemicals.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ½c. per lb.
oxide, ¼c. per lb.
Blue vitriol, 15c. per 100 lbs.
Copper, electrolytic, ⅝c. per lb.
Lead acetate, ½c. per lb.
Soda metasilicate, l.c.l., delv'd N. Y., 20c. per 100 lbs.

Reduced

Ammonia, aqua, dms., ¼c. per lb.
Soda nitrite, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.7	153.6	153.5	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.5	99.5	99.4	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—There was a good demand for commercial and iron-free sulphate. Prices ruled firm. The call for potash and ammonia alums was spotty, but no change was disclosed in quotations.

Ammonia, Anhydrous.—A substantial volume of business has been written for 1937 delivery. A firm tone continued to govern the market.

Ammonia, Aqua. — Prices for 1937 are:—Tankwagon, 2c. per pound; car lot, drums, 2¼c. per pound; less car lot, drums, 2½c. per pound.

Antimony.—Business in the market for the metal was quiet, but prices were slightly higher. Hunan antimony exports during the third quarter of 1936 amounted to 4,414 long tons, against 770 tons in July, 1,956 in August, and 1,688 in September, and were one-sixth less than in the second quarter; exports in the first quarter of the year totaled 4,193 tons. Production in the third quarter is estimated at 3,500 tons, compared with about 1,000 tons in July, 1,200 tons in August, and 1,300 in September, an increase of about 13 percent over that of the second quarter; production in the first quarter amounted to about 3,000 tons. Stocks on hand at Changsha, the Hunan mines, and Hankow at the end of the third quarter were estimated at 3,128 tons, about the same as in the two previous quarters. In addition to the stocks in the Hankow district a supply of 1,300 tons of Hunan antimony products is reported by local dealers to be on hand at Shanghai. It must be remembered that these figures, as well as others in this report, are unofficial estimates of local exporters, there being no official figures available except for monthly shipments abroad from all China. It was rumored among the trade that about 3,000 of the 4,400 tons of antimony stocks in China at the end of September were in the hands of speculators who were intent upon raising local prices regardless of demand from abroad. Many of the September transactions were between speculators and were believed to be influential in raising prices about 12 percent in that month. Hunan province, which continues to be generally regarded as yielding about 95 percent of the antimony mined in China, ships the product exclusively through the port of Changsha.

Antimony Oxide.—An advance of ¼c. per pound was reported here. Sellers were asking 13c. to 13¾c. per pound, according to quantity. Upward movement in price could be attributed to increased basic costs.

Arsenic.—A highly irregular demand was reported for white arsenic. Quotations were unchanged. There was little to report in the market for red arsenic. Prices were holding steady.

Barium Salts.—A good volume of business was reported to have been written for 1937 on chloride. Prices were holding firm. There was little to report in carbonate, and the call for hydrate and nitrate continued highly irregular. No change was disclosed in prices.

Bauxite.—This market was quiet. Prices were steady. According to the Japanese press, rich deposits of bauxite have been discovered on the Island of Palao, one of Japan's mandated possessions. The discovery is reported to have been made by a party sent out by the Japanese naval forces stationed in that area, according to the trade commissioner at Tokyo. According to the Japanese press arrangements have been made for the importation of bauxite from Brazil for experimental purposes. If satisfactory a Japanese soda company is expected to enter a definite contract for importation on a large scale.

Blue Vitriol.—This product was raised 15c. per 100 pounds at $4.45 per 100 pounds for car lot quantities. Advance reflected a sharp rise in the basic metal price. Copper sulphate, used in France almost exclusively for spraying vineyards, has sold in larger quantities in 1936 than in previous years. Copper sulphate solutions are generally applied to the vines in the beginning of April and spraying is continued until the end of June, during which period the vine is subject to attacks of mildew. Copper sulphate purchases begin in October and November and continue through the Winter, the maximum sales being made in March and April. Purchases in November, 1936, were exceptionally large and to some extent represented speculative purchases in anticipation of higher prices, according to an assistant trade commissioner at Paris.

Calcium Chloride.—A fairly active inquiry was reported for this material during the week just ended. The colder weather was a factor stimulating demand, for the material was being in ice-control work. No change was disclosed in quotations.

Carbon Tetrachloride.—Demand continued good. Prices remained firm. A bleaching powder company at Wakayama announced the enlarging of its output of carbon tetrachloride in view of the increasing production of chlorine in Japan by the soda industry. The company has for some time been producing carbon tetrachloride from the chlorine produced at the plant. Carbon tetrachloride is in growing demand for cleaning and laundry use and as a solvent, according to an assistant trade commissioner at Tokyo.

Chlorine.—Interest continued to be concerned with writing 1937 business. Sellers reported a substantial volume of business has been booked for delivery over the next year. Actual de-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

BARIUM CHLORIDE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA

MAGNESIUM FLUOSILICATE
CALCIUM FLUOSILICATE
ZINC FLUOSILICATE
FLUORINE PRODUCTS Division of Sterling Products Company Easton, Pa.

Ammonium Silico Fluoride
JUNGMANN & CO., Incorporated BArclay 7-5128 157 Chambers Street New York

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LAPORTE BRAND
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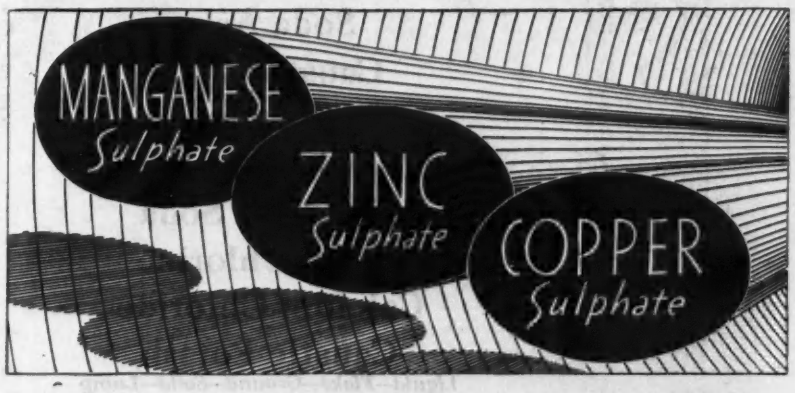
STOCKS AVAILABLE FOR PROMPT DELIVERY FROM
HENRY SUNDHEIMER, INC.
Telephones: AShland 4-4517-4518 103 PARK AVE., NEW YORK, N. Y.



TENNESSEE CORPORATION TC
ATLANTA, GA.- LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

BLUE VITRIOL
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

mand last week revealed a slight slackening.

Copper.—An advance of 5/8c. per pound was reported here, sellers asking 11⅝c. per pound, the highest price on record since 1930. Price for copper abroad continued to move upward, under the influence of speculative buying.

Copperas.—A fair amount of buying was reported for this material again last week. Sellers were holding firmly to previous prices. Steel mill operations noted a slight decline in operations, the week estimated at 77 percent of capacity as against 79.2 percent in the preceding period.

Fluorspar.—A good demand continued in evidence for this article, and prices were decidedly firm. The firm character of the price tone resulted directly from the fact that the steel industry has been withdrawing substantial quantities of this material over the past year, causing stocks in sellers' hands to reach a decidedly low level.

Lead Acetate.—Prices were advanced ½c. per pound, reflecting a sharp rise in basic costs.

Magnesite.—Demand was dull. Prices were steady. Exports of magnesite from Greece during the third quarter of 1936 totaled 16,159 metric tons of crude, 5,428 tons of calcined, and 3,727 tons of dead-burned.

Nickel Chloride.—Prices have been repeated for 1937. Demand last week was fairly good.

Nickel Salt.—Sellers have extended current prices to cover 1937 requirements. The plating industry continued to withdraw good amounts throughout the week.

Potash Carbonate.—A good interest was shown in this material. Sellers were holding firmly to prices established for 1937. October imports amounted to 191,370 pounds, valued at $9,706, of which Germany shipped 143,244 pounds; Netherlands, 45,234 pounds; China, 300 pounds; and Hongkong, 2,592 pounds.

Potash, Caustic.—This market offered little change during the course of the week under survey; producers engaged mainly in the business of soliciting 1937 contracts. Prices ruled firm. October imports amounted to 169,151 pounds, valued at $10,151, of which Germany shipped 159,946 pounds, and Sweden 9,205 pounds.

Potash, Chlorate.—Usual consumers continued to practice the policy of purchasing for immediate production wants only. No change was disclosed in quotations. October imports of chlorate and perchlorate amounted to 918,145 pounds, valued at $51,540, of which France shipped 126,112 pounds; Germany, 752,870 pounds; Sweden, 39,163 pounds.

Saltcake.—A firm price tone prevailed in this market, quotations being unchanged. The glass industry was somewhat disturbed by labor difficulties. October imports amounted to 11,422 tons, valued at $108,187, of which Belgium shipped 1,261 tons; Germany, 8,480 tons; Netherlands, 1,000 tons; Canada, 632 tons; and Chile, 49 tons. Production of plate glass in November, as reported by members of the Plate Glass Manufacturers of America, totaled 13,083,963 square feet, against 20,752,657 square feet. For the first eleven months the total was 190,697,602 square feet, against 163,704,241 square feet in the 1935 period.

Soda Ash.—Demand continued good during the week just closed. Sellers were busy working on 1937 contracts. Substantial progress has been made in booking deliveries for next year.

Soda Chlorate. — Demand was dull. Prices were firm. United States imports of sodium chlorate during the 10 years ended 1935 averaged 3,275,925 pounds annually, with a peak of over 9,000,000 pounds in 1930 and a low of less than 1,000,000 in 1932. Receipts during the first nine months of 1936 exceed annual imports for each of the past five years. While Germany and France continue to occupy the predominating position as suppliers, Sweden has increased its participation in the market, and Japan has entered the field.

Soda Cyanide.—The plating trade continued to withdraw good quantities. Prices were holding firm. October imports amounted to 1,648,618 pounds, valued at $172,440, of which France shipped 69,200 pounds; Germany, 172,480 pounds; Netherlands, 145,000 pounds; Canada, 1,239,538 pounds, and Japan, 22,400 pounds.

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Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
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Ortho-dichlorobenzene
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47% 83-85% 98-100%

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HYDROGEN	ALCOHOLS	PYRIDINE
CARBON DIOXIDE	ESTERS	FORMIC ACID

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Soda Nitrite.—Prices for 1937, spot delivery or contract, subject to quarterly adjustment are:—Car lots, $7 per 100 pounds, f.o.b. works, freight equalized, except for the West Coast, for which district the price is $8.25 per 100 pounds, f.o.b. ports of Seattle, Portland, San Francisco, Los Angeles and San Diego. Less than car lot prices follow:—Zone 1 includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut, $8.60 per 100 pounds; Zone 2, New York, Pennsylvania, New Jersey, Delaware and Maryland, $8.50 per 100 pounds; Zone 3, Ohio, West Virginia and Virginia, $8.85 per 100 pounds; Zone 4, North and South Carolina, $9.10 per 100 pounds; Zone 5, Tennessee, Georgia, Florida, Alabama and Mississippi, $9.60 per 100 pounds; Zone 6, Michigan, Indiana, Kentucky, Illinois, Wisconsin and St. Louis, Mo., $9.00 per 100 pounds; Zone 7, Minnesota, Iowa, Omaha, Neb., Missouri, except St. Louis, which takes Zone 6 prices, and Kansas City, Kans., $9.40 per 100 pounds; Zone 8, Oklahoma, Arkansas, and Louisiana, $10 per 100 pounds; Zone 9, North and South Dakota, Nebraska, except Omaha, which takes Zone 7 prices, and Kansas, except Kansas City, which takes Zone 7 prices, $9.85 per 100 pounds; Zone 10, Texas, $10.40 per 100 pounds; Zone 11, Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada and Idaho, $11.50 per 100 pounds; Zone 12, Washington, Oregon and California, $9.60 per 100 pounds. Prices in all zones, except Zone 12, are delivered destination by rail or boat and/or store-door within recognized trucking zones of warehouses and/or plants. Zone 12 prices are delivered store-door and/or f.o.b. Seattle, Portland, San Francisco, Los Angeles and San Diego.

Soda Silicoflouride.—Demand continued good. Prices were firm. October imports amounted to 680,302 pounds, valued at $25,740, of which Denmark shipped 396,654 pounds; Germany, 54,381 pounds; Italy, 86,625 pounds; Netherland, 53,576 pounds, and Japan, 89,066 pounds.

Tin Salts.—An irregular demand was noted for tin crystals. Prices for crystals and anhydrous tetrachloride of tin reflected the fluctuations in the basic metal price. According to the International Tin Research and Development Council the apparent world consumption of tin in the twelve months ended October, 1936, totaled 153,709 tons, showing an increase of 13,925 tons over the total for the preceding twelve months, while world production increased by 36,200 tons to 167,000 tons. Although the production of tin has exceeded consumption by about 13,300 tons during the year ended October, 1936, world visible stocks have increased by only 3,130 tons in that period. This discrepancy is partly due to the time lag which occurs between the export of ore from the producing areas and the appearance of the metal on the market, but it also indicates that there was an increase in smelters' stocks which had not appeared in the statistics up to the end of October. In the month of November, 1936, world visible stocks of tin increased by 4,162 tons to 22,137 tons. These stocks now represent 14.5 percent of the current annual rate of consumption compared with an average ratio of 11 percent in the first ten months of this year. The increase in tin consumption this year has been largely due to the tinplate industry in which there has been an increase of 17.7 percent. In the year ended October the world output of tinplate reached a new record of 3,630,000 tons against 3,083,000 tons in the previous year. There was also an appreciable advance in the motor industry, the world output in the year ended October, 1936, being 5,650,000 vehicles compared with 4,509,000 vehicles in the previous 12 months.

Acids

Demand in the market for acids continued irregular during the week just closed. Irregularity in the call could be traced to consumers endeavoring to close the year with surplus stocks at a low level. There was a firm tone in evidence in sulphuric acid, producers were interested mainly in closing contracts for 1937 business. The call for lactic acid was fairly good. Battery acid remained firm. There was little to report in chromic acid, the price schedule for 1937 having been released in the preceding period. Muriatic acid noted a fair demand. Nitric acid continued in a firm price position.

Acetic.—A good interest was shown here, with plans being made for booking 1937 business.

Battery.—Substantial progress was reported in booking business for next year, although actual demand last week was rather quiet. Prices held firm.

Chromic.—The plating industry continued to withdraw good amounts, with producers continuing their campaign for 1937 contracts.

Formic.—This market noted a good demand again last week. Quotations ruled unchanged.

Lactic.—Prices for edible material are as follows: 50 percent, 20 barrels and over, 10½c. per pound; carboys, 11½c. per pound; 5 to 19 barrels, 11c. per pound, with carboys 1c. per pound higher; 1 to 4 barrels, 11½c. per pound, and carboys are 1c. per pound higher. Price for 80 percent, 5 barrels and over, 21c. per pound; 1 to 4 barrels, 21½c. per pound, and prices for shipments in carboys are 1c. per pound higher in each instance.

Muriatic.—Demand continued good here during the period under survey, sellers interested mainly in getting contracts signed for 1937 business. A firm tone was in evidence.

Nitric.—Nothing new occurred here. Usual buyers supplied the call. Prices were firm, the schedule for 1937 having been released in the preceding period.

Sulphuric.—Demand continued good. Prices were firm at the levels established for 1937. Production of sulphuric acid by fertilizer manufacturers in October amounted to 169,814 tons, against 135,717 tons in September and 149,729 tons in October, 1935. Consumption by reporting establishments in the manufacture of fertilizer in October totaled 163,265 tons, against 120,370 tons in September and 131,441 tons in October, 1935. Stocks at the end of October amounted to 74,604 tons, against 72,971 tons in September and 81,461 tons at the end of October, 1935, according to the Bureau of Census.

Baltimore, Dec. 23.—The market for sulphuric acid last week reflected even more decided quiet than previous periods so far as the demand from manufacturers of fertilizer mixtures was concerned, even if the users of acid in other industries continued to figure more or less conspicuously in the trading. The demand for acid to be used in the production of fertilizers is not of an urgent character at this time. Moreover, it may be said that many of the contracts for acid to extend over a considerable time have been placed lately, so that there is less opportunity for booking new business. Uneventfulness may be expected to prevail until after the turn of the year so far as the wants of the fertilizer men are concerned, and other buyers will have to create the activity. But the talk about higher prices has by no means subsided; it is, in fact, becoming more insistent than ever, it being urged that cost of materials, greater outlay for operation and the working of the Social Security act are factors that will compel a readjustment of schedules. For the present the quotations stand at $13 per ton for 60 degree and at $16 per ton for 66 degree acid. Oleum ranges at $17 per ton for 20 percent stocks.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Insecticides

The market for agricultural insecticides and fungicides noted an irregular demand. Sellers were interested mainly in writing business for 1937. Indications were that less crop damage in 1937 will be experienced in South Dakota, North Dakota, Minnesota and Kansas. However, reports concerning Iowa, Nebraska and Illinois were to the effect that outlook as far as grasshopper damage in 1937 was concerned is potentially the worst in history. Sellers of lead arsenate were making good progress in booking business for next year, and favorable reports were heard regarding the volume of business on the books of sellers of calcium arsenate.

Calcium Arsenate.—Sellers were engaged in writing 1937 business. Considerable headway was reported to have been made. October exports amounted to 465,600 pounds, valued at $16,877, of which Peru received 459,700 pounds; Mexico, 4,800 pounds; Nicaragua, 500 pounds; Honduras, 100 pounds; Guatemala, 500 pounds.

Lead Arsenate.—Business here was centered on soliciting 1937 contracts. October exports amounted to 63,276 pounds, valued at $4,744, of which Mexico received 9,500 pounds; Cuba, 3,400 pounds; Uruguay, 2,000 pounds; Philippine Islands, 4,000 pounds; Australia, 4,512 pounds; New Zealand, 4,800

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76% Actual Test is an important consideration in the choice of Caustic Soda. It represents the highest quality of Caustic Soda produced in commercial quantities.
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pounds; and South Africa, 34,064 pounds.

Nicotine Sulphate.—Demand here was fair during the week. October exports amounted to 16,843 pounds, valued at $11,189, of which Canada consumed 1,818 pounds; Cuba, 2,100 pounds; Argentine, 1,500 pounds; Brazil, 2,000 pounds; Australia, 7,953 pounds; and Union of South Africa, 942 pounds.

Chemical Research Corp. Elects

Stockholders of the Chemical Research Corporation have elected the following new management:—President, T. W. MacDowell, Montreal; vice-president, A. W. Wallace, Detroit; secretary-treasurer, M. L. Brown, Detroit. Directors:—Robert Fennell, Toronto; Dr. E. B. Johnston, Toronto; Walter Tant, Frank Kuhne, Harold Emmons, and A. J. Groesbeck, Detroit. It was stated the new board would examine every phase of the company's activities and the patent situation and contracts made by the old board.

Monsanto Players Give Brilliant Xmas Revue

More than 125 talented employees of the Monsanto Chemical Company, termed "The Monsanto Players," presented a full musical revue in the St. Louis Opera House, December 16, to raise funds for the company's Christmas distribution of baskets to the needy and unfortunate in the vicinity of the three Monsanto plants of the area. The show was a brilliant success and attended by approximately 3,000 persons.

With a singing chorus of 41, a dancing chorus of 28, a string band of 7, and 18 actors for the comedy sketches, a full evening's performance was given that would have graced many a professional stage. There were two acts and more than twenty colorful scenes. The curtain rose on a western scene with rangers, dude ranchers, cowgirls, cowboys and string band: then swung to Hawaiian moonlight, with maids of Hawaii and tourists; and from that to the Bowery, with such appropriate classics as "Sweet Adeline," and "She's Only a Girl in a Gilded Cage." In the second act was a levee scene, with levee harmonies; a Viennese waltz by the girls, and a queen at her court. A unique feature was a dance chorus, "Machines of Monsanto," which was arranged after a visit to the plant to see some of the machines in motion, the dancers portraying "turnstile," "resistance," "power stepup" and "centrifugal." The officers of the players, who arranged the unusual performance, are:—President, Paul N. Bliven; vice-president, Hulda Hall, who originated the entertainments some years ago; business manager, Roland N. Sturhahn, and secretary, Zoe Jane Desloge.

Soda Sulphate Output: 1935

Preliminary compilation of data collected by the Bureau of the Census on manufactures in 1935, indicates that production of anhydrous sulphate of soda totaled 23,609 tons, valued at $457,890, compared with 15,624 tons, valued at $264,616, for 1933, the last previous census year. Production of glauber's salt in 1935 totaled 40,735 tons, valued at $549,220, compared with $39,804 tons, valued at $586,057, in 1933. Eight establishments were producing anhydrous sulphate in 1935, against 10 in 1933, and 19 establishments were producing glauber's salt in 1935 the same as in 1933.

Silver's Industrial Uses In U. S. Compilation

Practically all accessible technical information on silver has been brought together in convenient form in a single volume, through the publication by the National Bureau of Standards, of circular C412, "Silver: Its Properties and Industrial Uses," according to an announcement of the Department of Commerce.

Besides presenting a great deal of information which has previously been scattered through the literature, the new circular contains many additional data, hitherto unpublished, and which are therefore made generally available for the first time. The circular was made possible through a co-operative arrangement with a group of eight of the leading silver producing companies of the United States who established a research associateship at the bureau with the object of making a comprehensive survey of the industrial uses of silver.

The circular, an orderly and compact presentation of essential data, is arranged in three parts: The first deals with the physical, chemical, and technological properties of the pure metal. The second presents the available data on a number of commercially-important alloys of silver with base metals. In the third part, the industrial uses of silver are discussed, these being divided into three groups, electrical, chemical, and bactericidal. A comprehensive bibliography, citing the original sources, is appended to each section of the circular. Copies of C412 are obtainable from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 10 cents each.

DuPont 'Pontalite' Has First Public Exhibition

E. I. duPont deNemours reports that it is starting production of its new plastic, "Pontalite," with an initial output of 1,500,000 pounds annually, which can be doubled when necessary with minor plant changes. The first public exhibition of the properties on "Pontalite" was presented at the New York Electrical Society science forum, at the Engineering Societies building, this city, December 16. A. E. Pitcher, general manager of the plastics department of duPont presented the demonstration.

The basic raw material from which "Pontalite" is made is a petroleum gas. This gas is processed at the Belle, W. Va., plant of duPont to obtain a liquid monomer. The liquid is then turned over to the plastics department where it is polymerized with the aid of heat to produce the solid plastic. The finished product is a crystal clear, thermoplastic material, which can be colored or made pearlessent if desired. Chemically the plastic is methyl methacrylate.

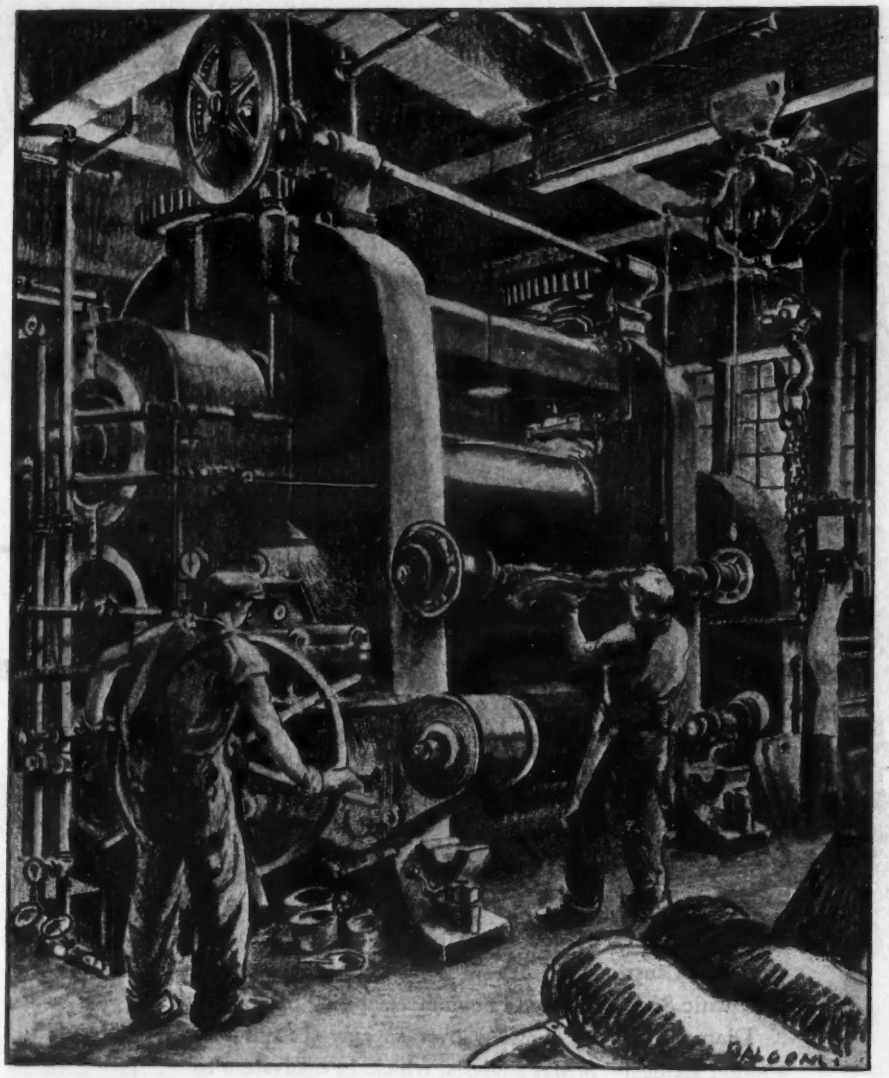
The plastic can be cut, carved, drilled, sawed, and moulded. It possesses a better than ordinary resistance to acids and is insoluble in straight chain hydrocarbons, alcohols, ethers, and most fats, oils, and waxes, but is dissolved by the lower ketone and ester solvents and aromatic hydrocarbon mixtures. It supports combustion only when heated directly.

Among its optical properties are found a high transmission value of ultra-violet light rays, its ability to transmit light edgewise, and its property of absorbing energy when exposed to ultra-violet rays and glowing momentarily after the source of light is removed.

"Pontalite," which has a tensile strength of 8,000 to 10,000 pounds per square inch, has a remarkable impact resistance, which, coupled with its low specific gravity, adapts it to uses where a light, unbreakable, transparent material is required.

Leonard C. Cartwright, B. S. Ch. E., University of Florida, and A. M., Harvard University, has recently joined the staff of Foster D. Snell, Inc., consulting chemist and engineer, Brooklyn, N. Y. Mr. Carthwright was for a time in charge of testing reagent chemicals for the Sterling Products Company, Easton, Pa.; did refrigeration research for Comstock & Wescott, Inc., and electronic research for Raytheon, Inc., Cambridge, Mass.

CATALYSTS OF BUSINESS



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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Abietic Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Acetic Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Aluminum Gluconate

Leather

Pretanning agent (U.S. 1941485) in making—
White leathers which can be dyed any color and are similar to chrome-tanned leather in properties

Benzoic Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Butyric Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

5-Chlorobenzothiazole-1-carboxylic Chloride

Dye

Starting point (Brit. 441915) in making—
Greenish-yellow vat dyes of good fastness to light, chlorine, and alkali, by condensing with an orthoaminothiol of the benzene, naphthalene, or anthraquinone series
Greenish-yellow vat dyes of good fastness to light, chlorine, and alkali, by condensing with an arylamine and the orthothiol group subsequently introduced and the product cyclized

Copper Oleate

(Additional uses—supplementary to lists printed in the OIL, PAINT AND DRUG REPORTER *for November 2, 1936, page 47, and November 3, 1930, page 48)*

Chemical

Starting point (Brit. 385488) in making—
Alcohols by reacting with calcium formate, in a solvent, or with the salt of another fatty acid and simultaneously reducing the carbonyl compound formed by means of hydrogen under pressure in the presence of a hydrogenating catalyst

Fishery

Preservative for—
Fish nets, twines, and other fibrous products exposed to the action of saltwater (when used in either a kerosene or gasoline solution on fishing gear no shrinkage or lessening of the tensile strength of the fibers is caused and, besides the convenience of its application, there is great resistance to marine growths, the claim having been made that this resistance is greater than by any other known method)

Paint and Varnish

Reducer of—
Viscosity of rubber solution in making modified rubber used in paints for interior decoration and similar purposes
Wetting agent in—
Pigment-oil mixtures

Petroleum

Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel fuels (used as primer in conjunction with an alkyl nitrate having 2 to 4 atoms in the molecule, to reduce the delay period, and an organic bromide, which is nonexplosive and has a higher spontaneous ignition temperature than the fuel oil)
Stabilizing agent (Brit. 398794) for treating—
Light hydrocarbons, especially those obtained by cracking and subjected to refining processes by treating the vapor or liquid with phosphorus pentoxide under varying temperature and pressure conditions
Sweetening agent (Brit. 398794) for treating—
Light hydrocarbons, especially those obtained by cracking and subjected to refining processes by treating the vapor or liquid with phosphorus pentoxide under varying temperature and pressure conditions

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Copper Stearate

(Additional uses—supplementary to lists printed in the OIL, PAINT AND DRUG REPORTER *for October 20, 1930, page 23.)*

Chemical

Starting point (Brit. 385488) in making—
Alcohols by reacting with calcium formate, in a solvent, or with the salt of another fatty acid and simultaneously reducing the carbonyl compound formed by means of hydrogen under pressure in the presence of a hydrogenating catalyst

Fats, Oils, and Waxes

Catalyst (Brit. 396311) in reduction of—
Fats, oils, waxes, and fatty acids to high molecular alcohols

Petroleum

Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel fuels (used as a primer in conjunction with an alkyl nitrate having 2 to 4 atoms in the molecule, to reduce the delay period and an organic bromide which is nonexplosive and has a higher spontaneous ignition temperature than the fuel oil)

Pharmaceutical

Starting point (Brit. 384217) in making—
Colloidal solutions of metal iodides in oils, which are claimed to possess disinfectant and therapeutic properties

5:6-Dibenzothiazole-1-carboxylic Chloride

Dye

Starting point (Brit. 441915) in making—
Greenish-yellow vat dyes of good fastness to light, chlorine, and alkali, by condensing with an orthoaminothiol of the benzene, naphthalene, or anthraquinone series
Greenish-yellow vat dyes of good fastness to light, chlorine, and alkali, by condensing with an arylamine and the orthothiol group subsequently introduced and the product cyclized

Dipentamethylenethiuram Polysulphide

Rubber

Accelerator (Brit. 443219) in—
Vulcanization of rubber having marked resistance to deterioration

Formic Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

3-Iod-10-deltadimethyl-aminobutylaminoacridin Dihydrochloride

Pharmaceutical

Claimed (Brit. 441007, 441132, and addition to 363392) as—
New pharmaceutical

Lactic Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Lauric Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Salicylic Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coaltar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Sodium Amylsulpho-phthalate

Textile

Wetting agent (Brit. 399319 and 399320) in—
Bleaching by means of hypochlorite liquor

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Coaltar Chemicals

Benzol Continues in Good Demand—Creosote Oil Firm—Toluol, Xylol and Solvent Naphtha Active—Crude Naphthalene Quiet —Maleic Acid Prices Unchanged for 1937—Colors Steady

The market for coaltar chemicals continued to experience a fairly active demand, despite inclination of consumers to hold down commitments to actual production requirements because of the near approach of the year-end. This active demand could be explained by the relatively high seasonal production schedules in certain major industries consuming coaltar chemicals. Creosote oil was a strong feature.

Toluol, xylol and solvent naphtha continued in good demand. Reports from the automobile industry, however, told of the labor unsettlement in certain industries feeding the automobile trade with parts. In fact, indications were that labor difficulties were expected to develop in the automobile industry, with the CIO endeavoring to line up a representative membership in that industry. Benzol demand continued to be equal to actual production. Creosote oil was in good demand, the advance not being confined to this week. Crude naphthalene was active at times, with reports stating that domestic sources have written a good volume of business for 1937, and reports from abroad continued to tell of limited supplies on hand there. Phenol remained firm. Manufacturers of intermediate continued to devote interest toward securing 1937 contracts, substantial progress having already been made in booking business. Coaltar acids and colors remained steady to firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Creosote oil, ½c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
123.1	123.1	126.2	125.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A good demand continued for this material throughout the week, sellers reporting prices were decidedly firm. Shipments continued to move out in volume commensurate with actual production. Prices ruled firm, sellers reporting a good volume of business was on the books for 1937 delivery. Because of Christmas Day holiday, operations of the steel industry last week was lower than a week ago, the schedule being 77 percent of capacity, against 79.2 percent in the preceding week, a drop of 2.2 points, or 2.8 percent, the American Iron and Steel Institute reported. In the like week of 1935 the schedule was 49.5 percent, off 5.1 points, or 9.3 percent from the preceding week. Operations at this time in 1934 were on the basis of 35.2 percent and in 1935 they were 31.6 percent. Exports of benzol for the first ten months amounted to 16,338,191 gallons, against 11,260,261 gallons in the same period last year.

Coaltar.—Demand continued fairly good. Prices remained firm. Exports of coal tar from Great Britain have been steadily increasing, with a short interruption in 1933, ever since 1923, when they amounted to a few thousand tons only, and may be expected to reach this year 180,000 tons, as against 144,490 tons in 1935 and 61,704 tons in 1929, according to trade reports. It is said that French import requirements increased considerably this year with the result that Birtish firms, which meet the greater part of the French demand, have been able further to raise their sales on Continental markets.

Creosote Oil.—A good demand was reported for this article, sellers were quoting 13c. to 13½c. per gallon for tank shipments. December imports amounted to 1,897,613 gallons, valued at $219,930, of which the United Kingdom shipped 824,609 gallons; Canada, 117,066 gallons; and Japan, 955,938 gallons. Shipments of creosote oil from the United Kingdom during the first 10 months of 1936 totaled 28,045,123 Imperial gallons valued at £667,535 compared with 21,139,670 gallons valued at £512,446 during the corresponding period of 1935. Exports to the United States during these comparative periods amounted to 15,521,567 gallons and 10,476,312 gallons respectively.

Cresylic Acid.—A good demand continued in evidence for this material throughout the week just closed. Prices ruled firm. Usual buyers supplied the call, including the synthetic resin industry. December imports amounted to 155,412 gallons, valued at $76,886, of which Germany shipped 25,549 gallons and United Kingdom, 129,863 gallons.

Naphthalene.—A firm tone continued in evidence here, domestic sources said to have booked considerable business for 1937. Reports from abroad continued along the lines that supplies were limited. October imports amounted to 3,181,081 pounds, valued at $75,214, of which Belgium shipped 267,137 pounds; Czechoslovakia, 658,623 pounds; Germany, 838,874 pounds; Netherlands, 167,152 pounds; Russia, 240,661 pounds; and United Kingdom, 1,008,634 pounds.

Phenol.—A good demand continued in evidence for this material, sellers reporting a firm tone prevailed. Interest was concerned mainly with writing 1937 business.

Solvent Naphtha.—A firm tone was reported for industrial water white, quotations holding unchanged. There was little to report in the market for high flash naphtha, prices holding at unchanged levels.

Tuluol.—This market continued to experience a good call throughout the week. Prices were firm. Labor unsettlement was noted in some divisions of the automobile industry, with situation expected to reach more severe proportions after the turn of the year.

Xylol.—A good demand continued for this article, usual consumers supplying the call. Prices ruled unchanged.

Chicago Coaltar Bases

Chicago, Dec. 24.—Coaltar bases in this market show a firm tone and an inclination to strengthen, at least in some of the products. Trade is going forward in good volume all along the line, and feeling generally is rather optimistic over the outlook for a continued healthy market situation. Benzol business is reported fairly good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.

Coaltar Acids

Anthranilic.—Demand was highly irregular during the week just closed. Sellers reported prices were unchanged.

Broenner's.—This market offered little change from the preceding period, sellers engaged in writing 1937 business.

Gamma.—Although demand was highly irregular in this market, no change was uncovered in quotations.

Maleic.—No change was disclosed in prices for this article, sellers interested mainly in booking business for 1937.

Picric.—A firm tone continued to govern activities in this direction, indications being that consumers were covering for nearby requirements.

Salicylic.—This market continued to enjoy a good demand during the week, the textile industry and other routine consumers supplying the call. Prices were unchanged.

Tobias.—Shipments were moving out at an irregular pace. No change was disclosed in quotations.

Other Intermediates

Alphanaphthol.—While demand was highly irregular throughout the week, sellers reported good progress in booking business for next year.

Anilin Oil.—This product continued to move out in good volume during the week just closed, and sellers were holding firmly to quotations in order previously.

Anthraquinone.—Demand was fairly good here throughout the period under review, the trade was awaiting prices for 1937.

(Continued on page 29)

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Maple Floor Finishes Graded by Lumber Ass'n

(Continued from page 3)

tinue the distillation for thirty minutes at a rate of not less than 1 cc. per minute. If droplets of water stick to the sides of the tube, tap to release them. Read the volume of water in the bottom of the Dean-Stark tube. Each 0.1 cc. is equivalent to 0.2 percent of water in the sample. More than 1.0 percent of water is a cause for rejection unless water is found to be the dispersed phase according to the following procedure:—

Mix 10 cc. of the sample with 10 cc. of benzene and mix another 10 cc. of the sample with 10 cc. of water. The benzene shall blend with the sample readily and the water shall not blend with the sample readily.

2. If the sample gives turbidity in test 1, filter the diluted sample on an ashless filter and wash the filter with benzene. Dry and ash. The ash shall not amount to more than 0.1 percent of the sample used.

3. Measure 50 cc. of the sample in a graduated cylinder and pour into the cup of a Tagliabue closed-cup tester. The temperature of the sample should not be over 80 deg. F. Light the alcohol lamp of the tester and raise the temperature of the sample in the cup at the rate of not faster than 2 deg. F. and not slower than 1.6 deg. F. per minute. Introduce the test flame by turning the knob on the cover over the cup, once during every rise of 1 deg. F. in the temperature. The true flash is when all gas in the top of the cup is consumed by a very slight explosion and the flashpoint is the temperature at which this occurs.

4. Dilute 10 cc. of the sample with 90 cc. of benzene and mix well. If turbid, filter through a dry filter. Any substantial residue of wax on the filter shall not be darker than the permitted color. Add the clear solution to a Nessler tube to a depth of 5¼ inches. Fill a corresponding tube to the same depth with benzene and place in a Wesson colorimeter. Match the color of the sample with the control tube of benzene by inserting Lovibond red and yellow color glasses in the holder of the instrument. It is important, to carefully adjust the red color glasses to exactly the proper tint because small differences in red color markedly affect the result whereas rather large variations in the yellow have little or no significance. The test should be run in duplicate. Average the results and multiply by 10 to obtain the final color reading.

5. Select two specimens of MFMA first grade maple flooring approximately 2¼ inches wide and 12 inches long, which are free from any marks or imperfections on the surface. Sand down the surface with 00 sandpaper on a wooden block until it is smooth. Thoroughly brush off the surface of both specimens with a clean cloth and then apply the sample strictly in accordance with the directions of the manufacturer. Unless the manufacturer specifically cautions against it, apply a second coat twenty-four hours after completing the application of the first coat. Allow the specimen to age twenty-four hours longer and then observe. There should be no marked darkening or discoloration of the test specimen. A comparison shall be made against the similarly prepared but untreated test specimen of maple flooring.

6. Place the treated test specimen prepared in test 5 against a fixed block attached to a perfectly flat and level board 6 to 8 inches wide and 18 to 24 inches long. The end of the test specimen which is placed against the fixed block should be squared at right angles to the long sides of the test specimen. The opposite end, which will be called the free end, should be raised and supported by means of suitable supports. Prepare a block of MFMA first grade maple flooring with the surface sanded down smooth and free from any imperfections, accurately squared up, with the edges beveled so that the surface measures 1 inch by 2 inches and weighing between 15 and 20 grams. Place this block at the free end of the test specimen so that it is flush with the free end. The other end of the 2-inch block will extend down to a point 10 inches away from the fixed end of the test piece. Raise the test piece by means of the supports until a gentle touch of the block causes it to slide down the whole length of the test piece. Lower the test piece so that the block fails to slide more than one-half the distance between the free end and the fixed end. This shall be considered the endpoint of the test. Place a suitable carpenter's square graduated in 32ds of an inch on the flat board used as base and hold it against the test specimen so as to measure accurately the height of the test piece at a point exactly 10 inches from the fixed end of the test piece. This figure corrected for the thickness of the board, divided by 10, is the sine of the angle between the test piece and the base board. Reference to a table of natural trigonometric functions will give the tangent of the same angle. A tangent of more than .300 will be considered as a gummy and sticky finish not meeting the requirements. A tangent of less than .200 will be considered as a finish which is too slippery for safety and not meeting the requirements.

7. The prepared test specimen of maple flooring used in tests 5 and 6 may be employed in carrying out this test. The film of pore sealer or floor finish on the surface after application strictly in accordance with directions recommended by the manufacturer shall not be of sufficient thickness to show any scratching, flaking, chipping, or marring when a metal instrument having a blunt point 1/16-inch in diameter is drawn across it with just insufficient force to penetrate the film and scratch the wood.

8. Treat a test specimen of maple flooring prepared and treated as outlined under test 5 with a drop of burnt umber ground in oil. Spread it around with the finger over a circular area approximately 1 inch in diameter. Remove this artificial soil with a clean, soft cloth by rubbing it lightly with the grain of the wood, avoiding excess pressure which might tend to grind the particles into the surface. Wash this area thoroughly by rubbing with a clean cloth which has been saturated in a 1 percent neutral soap solution. Wipe off all excess solution with a clean soft cloth and allow the specimen to dry in air for two hours. There shall be no objectionable staining of the treated area after the test.

9. Use a test specimen of maple flooring prepared and treated as outlined under test 5. Scrub lightly over an area at least 2 inches by 2 inches with a soft cloth saturated with a 1 percent neutral soap solution at 40° C. Use approximately twenty forward and backward strokes over the surface to be treated. Thoroughly remove all soap solution remaining on the test piece by wiping gently with a clean soft cloth. Allow to dry for two hours and observe whether or not there is any appreciable and noticeable removal of the finish from the surface of the test piece. Any noticeable removal of the finish is cause for rejection.

The official laboratory shall also make any supplementary examinations desired to confirm the results of tests 1 to 9, particularly when they may be a basis for rejection. It shall also obtain any data desired to detect reformulations of the product when subsequently submitted for re-examination. Either these specifications or the methods of testing, or both, shall be subject to future alteration or amendment by the official laboratory and the Maple Flooring Manufacturers Association, but no alteration or amendment shall become effective until approved by the association.

Obituaries

Prof. S. R. Benedict

Professor Stanley Rossiter Benedict, for many years head of the department of biochemistry, at Cornell University Medical College, and widely known for his contributions of improved methods for the chemical determination of the sugar content of the blood, as well as teacher and editor, died of a heart attack in his home in Elmsford, N. Y., December 21. He was fifty-three years old. He was a former president of the American Society of Biological Chemists, a former vice-president of the Harvey Society, and managing editor until his death of the *American Journal of Biochemistry*. He was a native of Cincinnati. Surviving is his wife, Mrs. Ruth Fulton Benedict, and three sisters.

William Faunce

William Faunce, office manager of the apparatus department of Eimer & Amend, manufacturer of drug and chemical equipment, this city, died of a heart attack in his office, December 23. He was sixty-two years old. Mr. Faunce had been with the company for twenty-seven years. He was a native of Philadelphia, but had made his home in Dumont, N. J., for twenty-one years. An enthusiastic raiser of dahlias, he was a member of the American Dahlia Society, an organizer of the Dumont Dahlia Society, and a member of the board of education of the city. Surviving are his wife, Mrs. Blanche A. Ferguson Faunce; two daughters, Miss Gladys Faunce, and Miss Doris Faunce, Dumont, and two sisters, Mrs. Lawrence Bradley, and Miss Anna Faunce, both of Philadelphia.

Dr. Leon A. Ryan

Dr. Leon A. Ryan, professor of physiological chemistry and metallurgy at Temple University since 1926 and co-author of many scientific articles, died December 17 at his home in Philadelphia. Dr. Ryan received his bachelor of science degree at Oberlin College in 1893. After matriculating in the post-graduate department of the University of Pennsylvania, he received his Ph.D. in 1897. For a number of years he taught chemistry in the medical, dental and veterinary schools at both the University of Pennsylvania and Temple University. Surviving is his wife.

Robert E. Armstrong, executive officer of the Eclipse Petroleum Company, Denver, died December 17 in Raton, N. M., from injuries sustained in an automobile accident. He was sixty-seven years old. Surviving is his wife and a brother, Brayton Armstrong, who was associated with him in the company.

Coaltar Chemicals

Other Intermediates

(Continued from page 28)

Betanaphthol.—A good inquiry was reported for this product again last week, a firm tone was in evidence. Business written for next year was said to be encouraging.

Dinitrobenzene. — A spotty buying movement was shown for this commodity, consumers covering when needs reached an urgent point. Prices were steady.

Dinitrotoluene.—Solicitation of 1937 business continued as the main interest of sellers here, for demand last week reflected the inclination of consumers to cover for nearby requirements only.

Orthoanisidin. — Quiet prevailed in this market again last week, sellers quoting 70c. to 74c. per pound.

Orthocholoranilin. — Demand continued spotty, and sellers were engaged in writing business for 1937 at the prices prevailing for 1936.

Orthochlorphenol.—Prices here have been repeated for 1937. Demand was conservative last week.

Parachlorphenol.—There was little to report here, sellers having renewed prices for 1937.

Paratoluenesulphonamide. — Although the market was a rather dull affair, prices continued firm, and prices have been extended to cover 1937 requirements.

Phthalic Anhydride.—No change was disclosed in this direction, a good volume of business moving out against contracts, and prices continued in a firm position.

Xylidin.—Business here was irregular, and steady to firm tone was in evidence.

Coaltar Colors

The market for coaltar colors continued to experience an irregular demand during the week just closed. Irregularity in buying could be attributed to consumers endeavoring to close 1936 with inventories at a low level. Prices generally were steady to firm. Reports from the cotton cloth industry were that domestic mill activity continued to climb to new peaks, but this was based primarily on orders taken in past weeks, according to the New York Cotton Exchange Service. The recent downward trend of sales continued, with the volume below the current high rate of production. Silk and rayon mills continued to operate at a high level. Reports from woolen and worsted mills continued encouraging. The lighter shades continued as the hues in prominent demand. Dyes, used in stains, continued to experience an irregular demand. Prices displayed a steady tone.

Industrial Council Plans Legislation

(Continued from page 3)

industrial council. Mr. Morin, who is a past grand worthy president of the Order of Eagles, offered the full cooperation of that fraternal order in securing this legislative objective.

The fourth major design to effectuate council recommendations will deal with the wage and hour question, fair trade practices and the anti-trust laws. The correlating committee has not yet decided whether council recommendations dealing with government competition with private enterprise and the taking of an unemployment census will be made part of the legislative program.

Anglo-American Mining Corporation has filed a registration statement with the Securities and Exchange Commission covering 300,000 shares of common stock, par $1.

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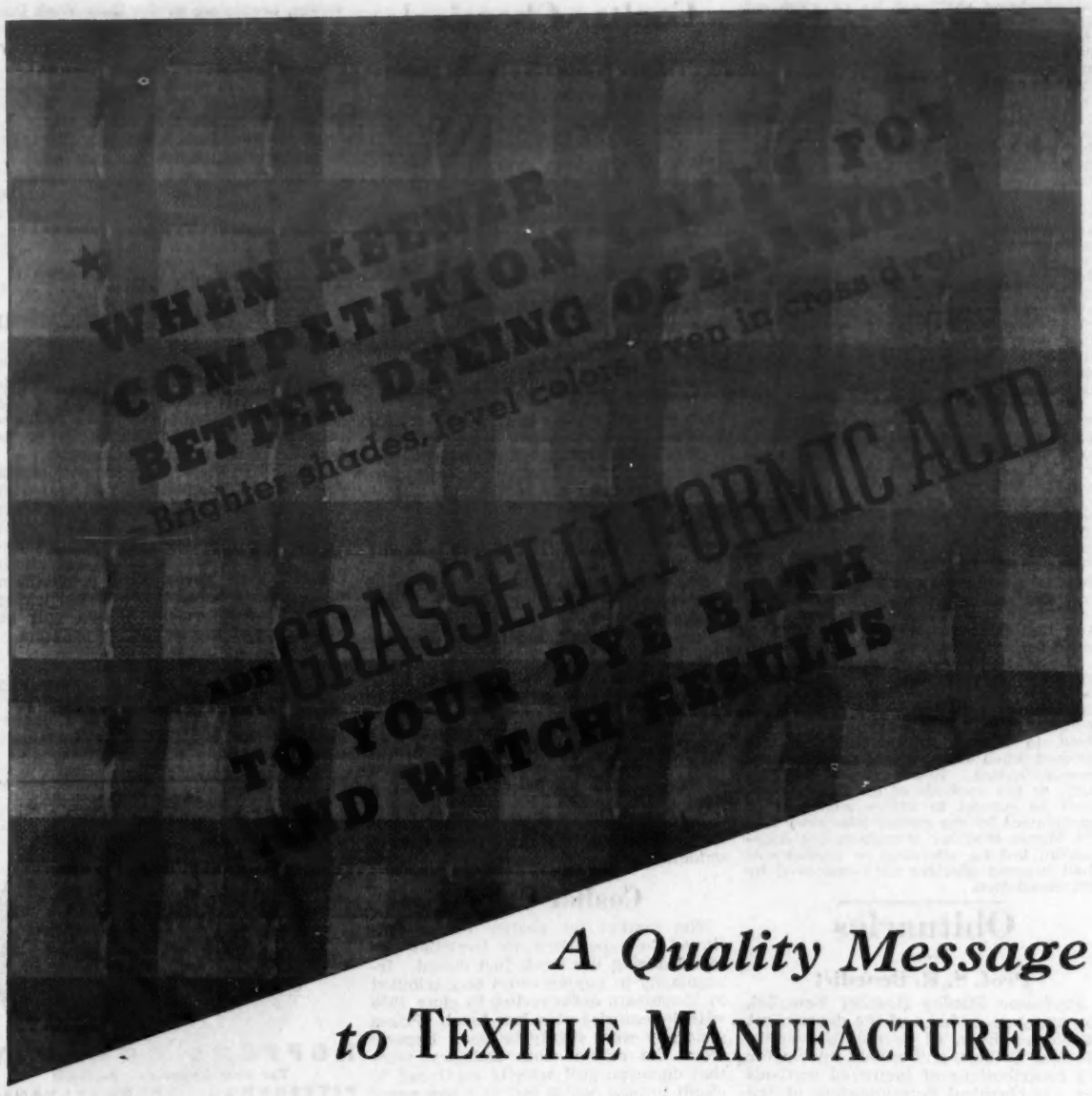

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Balto. Production Club Hears Dr. Krumbhaar

At the December meeting of the Baltimore Paint and Varnish Production Club the major part of the evening was given over to the presentation and discussion of an address by Dr. Wilhelm Krumbhaar, of Beck Koller & Co. He prefaced his remarks with comment on the paint and varnish trends in England, where, he said, the industry was becoming research-minded, but that technical advances were not open for general information, being distributed in confidential reports. He said he was greatly interested in the Baltimore club's paper, inasmuch as he had just returned from England, where there was much discussion of kettle chemistry or the reactions occurring in the course of cooking.

Dr. Krumbhaar divided his address into two principal parts, one being the classification of synthetic resins and the other some practical aspects of surface chemistry. These two parts were again divided into A, B and C sections, A dealing with phenolics, B with the maleic acid type and C with alkyds, each of these in turn being split into several divisions. He followed the classification with a talk on surface chemistry, in which he discussed the powerful forces at work on the surface of pigment particles which, he asserted, are covered with a single molecular layer of water or gas. This coating represented a two-dimensional world of extreme activity, which it was necessary to satisfy with polar compounds containing such groups as carbocyl or hydrocyl. Grinding of pigments in vehicles involved elimination of this envelope. A monomolecular layer of water was very difficult to remove and was undesirable, since it tended to hydrolize the vehicle. Various wetting agents having high contents of polar compounds were used in this connection to facilitate dispersion. Notable among these dispersing agents were resin acids, blown oil, malic acid, etc. These materials formed a protective layer around the pigment particles, preventing such disagreeable phenomena as flocculation, livering and gelation.

Pigment liquid reaction was pronounced with alkyd resins, Dr. Krumbhaar explained. Grinding should be done with non-reactive resin solutions and the highly reactive solutions then added. The pigment particles became coated with the non-reactive materials and reaction was thus avoided when the highly reactive alkyds were added.

The question of adhesion also involved surface chemistry. Mechanical adhesion was governed by the permeability of the surface coated. Molecular adhesion gave the excellent adhesion which alkyds exhibited even when applied over non-porous surfaces. The molecular attraction of the polar groups for the surface was responsible. Phenolics had poor adhesion, due to the lack of polar groups. This condition, however, could be somewhat improved by use of limed resin.

Adhesion was also governed by the permeability of the film itself. If it was not permeable it would not be able to breathe and was open to the possibility of being washed off the surface by moisture or gases. Long oil varnishes had been found to allow passage even of liquid water at the same rate as vaporous water. The flexibility of a film had a great bearing on adhesion. The enormous stresses set up in films due to changes in the surface made necessary extreme flexibility.

The address was followed by an interesting talking picture version of "By Gum," which took the audience through the plants and laboratories of Beck, Koller & Co., and showed impressively the great care and close control exercised in producing the entire line of synthetic resins.

A general discussion followed, bringing out numerous questions, which the speaker answered in an illuminating way.

George Sutherland, chairman of the plant managers' committee, presented a review of this year's club paper, after which President H. H. Shuger reviewed the paper of Bartell and Miller on "Wetting of Solids by Solutions."

The following committee chairmen were announced by Mr. Shuger: Technical, Harry Feinberg; plant managers, George Sutherland, and membership, David Finck.

Rex Campbell & Co., Ltd., 7 Idol Lane, London, E.C. 3, England, reports that Kenneth S. Burch has been elected technical director of the company and Albert C. Garnham has been appointed secretary.

Dyestuffs and Textile And Leather Chemicals

Zinc Dust Strong—Myrobalans, Sumac and Wattle Bark Higher —Egg Products Continue Dull—Bichromates Firm—Dyestuffs —Quiet—Alumina Chloride Steady—Antimony Salt Dull

The market for dyestuffs and tanstuffs noted a further slackening in demand during the week just closed. The duller call could be explained by the additional effort on the part of manufacturing consumers in all quarters of the market to hold down year-end supplies to a minimum. Changes in the market included an advance in prices for myrobalans, sumac and wattle bark.

Business in tanning materials reflected an inclination on the part of consumers to close the year with surplus stocks at a lower level. However, prices continued decidedly firm, with higher quotations noted for myrobalans, sumac and wattle bark, resulting mainly from higher ocean freight rates. Remarket failed to show an improvement. Quotations remained firm at the levels in force previously.

Cochineal.—Business in the market for Teneriffe silver and gray cochineal continued spotty during the period under review. Sellers were naming prices in effect previously.

Fustic.—Interest in this market was concerned with relatively small quantities, consumers covering for nearby requirements only. Sellers reported a steady to firm tone governed transactions.

Indigo.—The call for synthetic indigo continued good during the period just ended, usual buyers supplying the interest. No change was uncovered in quotations. Prices for natural indigo remained firm.

Logwood.—While the demand side of the market appeared rather slow, buyers in all quarters of the market giving consideration to year-end supplies, sellers described the price tone as steady to firm.

Madder, Dutch.—This market showed little variation from recent weeks, demand moving at a slow pace. No change was disclosed in quotations.

Quercitron.—Usual buyers supplied the little activity noted in this direction, and the price tone continued steady to firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Myrobalans, $1 per ton.
Sumac, $5 per ton.
Wattle bark, $1 per ton.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.6	152.5	152.4	152.2

Market news that may have developed after this report was sent to press will be found on page 4.

ports from shoe manufacturing companies in New England were to the effect that a good volume of orders was on the books for shipment throughout the first quarter. Dyestuffs continued irregular. Number of bales of cotton ginned from the growth of 1936 prior to December 13, 1936, in the United States was estimated at 11,704,980 bales, against 9,754,578 bales. Bichromates continued firm, substantial progress having been reported toward booking 1937 business. Corn derivatives were firm. There was little to report in antimony salt. Zinc dust held firm. Alumina chloride moved forward at an irregular pace, prices were unchanged.

Chemicals

Alumina Chloride.—A highly irregular demand was shown in this market. Sellers were quoting the prices at the levels in force previously. Consideration was being given to year-end supplies.

Antimony Salt.—This market experienced a rather dull week, but the price tone continued steady to firm. Consumers on all sides were purchasing for immediate production wants only.

Potash Bichromate.—Manufacturing consumers were withdrawing supplies for immediate production wants only, but producers reported the presence of a decidedly firm tone. Firmness in the price structure could be attributed to a representative volume of business on the books for 1937 delivery.

Potash Prussiate.—A firm tone prevailed in the market for red potash prussiate, demand being very good. No change was disclosed in the market for yellow prussiate.

Soda Bichromate.—A firm tone was prominent in this direction again last week. Regular buyers were withdrawing fair-sized quantities. Producers continued their drive for 1937 contracts.

Zinc Dust.—A decidedly firm tone was in evidence here, reflecting firmness in the basic metal price.

Dyestuffs

Annatto.—Although the market was a rather drab affair, consumers coming into the market for small quantities at well spaced intervals, importers reported prices were without change.

Archil.—A firm tone continued to be noted for this commodity, although the

Sizing Materials

Albumen.—Business in the market for edible egg albumen continued quiet during the week just closed, reflecting an effort on the part of consumers to hold down year-end stocks. However, prices retained a firm price appearance, for stocks were in a good statistical position at the primary market. No change was disclosed in the market for blood albumen.

Dextrin.—A firm tone governed activities in the market for corn derivatives during the week just ended. No change was disclosed in quotations. The market otherwise was a rather quiet affair, prices displaying a steady tone.

Egg Yolk.—Although further contraction was apparent on the demand side of the market, prices continued to display a firm tone. Slackening in the call could be explained by the near approach of the year-end inventory-taking period. Prices remained firm because of the limited amount of material on hand at the primary point of shipment.

Frozen Eggs.—The market on the New York Product Exchange was quiet. On Thursday December whole mixed futures closed at 20.50c. to 21.50c.; January, 20.25c. to 21.00c.; February, 19.00c. to 20.75c.; March, 20.50c. nom. Spot, nominal.

Starch.—Demand in the market for various corn derivatives continued to display a firm price tendency, for prices for the basic material remained in a firm position. The final government crop report placed the corn crop at 1,524,317,000 bushels, against 2,296,669,000 bushels.

Tanning Materials

Divi Divi.—Demand was dull again last week. Sellers reported prices continued nominal.

Mangrove Bark.—This product was quoted at $26 to $27 per ton. Demand was highly irregular.

Myrobalans.—A slight advance was shown in prices for the various sorts of this material, with J1 material listed at $24.50 per ton; J2 at $16.75 per ton, and R2 at $16.25 per ton.

Quebracho.—A good inquiry was reported for shipments after the turn of the year. The fairly active interest for shipments after the start of the year was prominent in causing the presence of a firm tone.

Sumac.—Price for ground sumac was higher at $58 per ton and leaf sumac was listed at $61 per ton. Demand continued good throughout the period under review.

Valonia.—No change was disclosed in prices for beards, sellers continued to name $46 per ton, but the price tone was decidedly firm. There was little to report in the market for cups, sellers quoting $32 to $34 per ton, depending on quantity and tannin content.

Wattle Bark.—A slightly higher price was reported here, sellers asking $31 to $32 per ton, depending on the point of shipment.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7.

Cottonseed Statistics: August-November

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out, and held, August 1 to November 30, 1936, and 1935, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Tons					
	Received at mills* Aug. 1 to Nov. 30.		Crushed Aug. 1 to Nov. 30.		On hand at mills November 30.	
	1936.	1935.	1936.	1935.	1936.	1935.
United States	3,481,082	2,754,367	2,124,053	1,956,284	1,378,955	887,658
Alabama	248,922	231,267	166,808	181,316	83,131	58,941
Arkansas	371,300	212,898	192,003	143,702	179,923	71,605
California	126,616	67,713	51,859	33,885	75,865	34,177
Georgia	506,975	304,057	234,081	269,621	74,821	56,604
Louisiana	194,627	147,496	127,088	106,170	69,268	42,689
Mississippi	698,994	455,115	318,597	260,456	382,433	207,671
North Carolina	150,687	159,243	110,988	117,144	40,389	52,176
Oklahoma	64,247	103,115	46,761	87,900	18,541	17,458
South Carolina	128,073	140,885	108,142	120,755	21,116	21,891
Tennessee	316,425	172,144	155,512	113,696	161,724	62,854
Texas	752,728	691,437	546,246	476,373	216,358	237,276
All other states	121,493	68,997	66,368	45,066	55,396	24,316

* Includes seed destroyed at mills but not 21,926 tons and 89,575 tons on hand Aug. 1, nor 35,698 tons and 27,018 tons reshipped for 1936 and 1935, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to Nov. 30.	Shipped out Aug. 1 to Nov. 30.	On hand Nov. 30.
Crude oil, pounds—				
1936-1937	*19,191,508	631,753,036	578,195,466	*143,182,447
1935-1936	28,262,543	591,074,013	533,842,212	118,742,948
Refined oil, pounds—				
1936-1937	†318,873,305	‡478,310,272	.....	†385,250,201
1935-1936	444,833,215	449,934,367	.....	343,848,136
Cake and meal, tons—				
1936-1937	95,058	952,933	808,326	209,660
1935-1936	198,367	883,435	765,912	315,890
Hulls, tons—				
1936-1937	23,893	546,186	426,179	143,900
1935-1936	76,604	503,216	415,045	164,775
Linters, running bales—				
1936-1937	43,819	510,312	389,214	164,917
1935-1936	71,292	432,599	331,381	172,510
Hull fiber, 500-lb. bales—				
1936-1937	88	17,425	15,656	1,857
1935-1936	1,332	14,884	12,426	3,790
Grabbots, motes, etc., 500-lb. bales—				
1936-1937	2,991	21,216	12,278	11,929
1935-1936	5,966	17,772	13,965	9,773

* Includes 6,232,774 and 46,523,813 pounds held by refining and manufacturing establishments and 4,411,300 and 34,553,630 pounds in transit to refiners and consumers August 1, 1936, and November 30, 1936, respectively.

† Includes 15,100,446 and 5,555,118 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 9,643,060 and 3,238,684 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1936, and November 30, 1936, respectively.

‡ Produced from 508,356,539 pounds of crude oil.

Exports and Imports for Three Months Ended October 31

	1936.	1935.
Exports—		
Oil, crude, pounds	27,297	25,330
Oil, refined, pounds	554,995	873,271
Cake and meal, tons of 2,000 pounds	2,053	3,918
Linters, running bales	55,521	49,012
Imports—		
Oil, crude, pounds	*1,464,579	1,536,347
Oil, refined, pounds	*27,076,938	27,206,607
Cake and meal, tons of 2,000 pounds	6,125	908

* Amounts for November not included above are 400,321 pounds crude and 4,574,600 refined "entered directly for consumption," and 1,175,582 refined "withdrawn from warehouse for consumption." No oil was "entered directly into warehouse."

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
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Acetaldol
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Acetaldehyde
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Aluminum Formate
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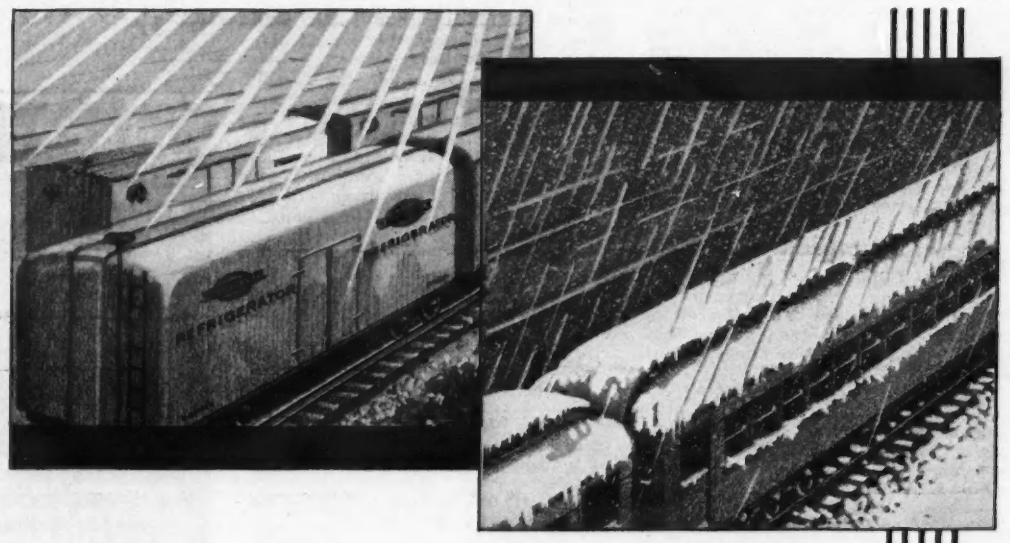

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Paint, Varnish, Lacquer Materials

White Lead Prices Advance—Lead Sulphates Join in Rise—Lead Oxides Also Up—Ester Gums Sharply Higher—Natural Gums Also Boosted — Naval Stores Quiet

Lead pigments advanced Wednesday, after having been prefaced Monday by a sharp rise in pig lead and a companion boost in lead oxides. Wednesday's advance, which takes effect January 1, included both basic carbonate and basic sulphate white lead, blue lead and white and red lead in oil. The rise in basic sulphate of lead was the first price movement in that article since January, 1933; lead carbonate had been advanced November 20, this year. Under the influence of continued bidding for lead in London the American pig lead market advanced $10 per ton on Monday for the largest single-day price movement in that commodity within recent memory. Car lot prices for red lead, litharge and orange mineral advanced automatically with the rise in the metal and the so-called card or small lot prices were advanced a half-cent per pound. The price for lead-titanium compound pigment was unchanged.

Also on Wednesday, manufacturers of ester gum named prices for the initial quarter of next year at a sharp advance over those prevailing in recent weeks. High rosin and glycerin costs forced the market for esters up to a basis of 10c. per pound, the highest price for more than eight years.

There were several price advances in the natural gum list too. Batavia and Singapore dammers were up and several of the Far Eastern copals were higher. These advances were mainly in sympathy with the price appreciation of other Far Eastern produce in recent months. Bone and hide glues were higher and Argentine casein advanced also.

Rosin and turpentine were quieter in southern and local markets, consumers being inclined to curtail purchases before the year-end holidays. The export inquiry also showed a material falling off. Offerings in primary markets were generally light, however, although receipts continued to exceed expectations for this period of the year.

While building construction in November was characterized by the contraction that ordinarily attends this season of the year, it was 31 percent greater than November, 1935, according to Secretary of Labor Perkins. Measured by the value of building permits issued, all classes of building activity in November fell below the level of the previous month. The most abrupt decline—22 percent—was reported in the value of permits issued for additions, alterations, and repairs to existing structures, but new nonresidential construction showed a decrease of 18 percent and new residential construction a decrease of 10 percent.

"For the first 11 months of 1936, the aggregate value of permits issued for all classes of building construction in cities with a population of 10,000 or over amounts to $1,219,157,000, an increase of 63 percent compared with the corresponding period of 1935. All classes of construction shared in this gain, but the greatest improvement during the year has been in new residential construction."

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, Argentine, 20-30 mesh, ½c. per lb.
Glue, bone, all grades, 1c. per lb.
hide, all grades, 2c. per lb.
Gum, copal, Hiroe nubs, ⅝c. per lb.
Manila loba, A, C, ½c. per lb.
B, ⅝c. per lb.
DBB, ⅝c. per lb.
Pontianak nubs, ½c. per lb.
dammar, Batavia, A, C, ½c. per lb.
A/D, E, ⅝c. per lb.
A/E, ⅝c. per lb.
Singapore, No. 1, 1¼c. per lb.
No. 2, ¾c. per lb.
dust, ¼c. per lb.
Ester, 1¾c. per lb.
Lead, blue, ½c. per lb.
metallic paste, ¼c. per lb.
red, ½c. per lb.
white, ½c. to ¾c. per lb.
Litharge, ½c. per lb.
Orange mineral, ½c. per lb.

Reduced

Rosin, gum, 5c. to 25c. per 280 lbs.
Turpentine, gum, 1c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.7	**131.5**	**131.1**	**130.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead advanced sharply Monday. Moving upward $10 per ton in a single day, the advance was the market's sharpest movement in many years. On the preceding Saturday, the higher priced seller in the local market advanced prices $2 per ton from 5.55c. per pound to the basis of 5.65c. per pound, and the East St. Louis price was raised to 5.45c. per pound. When London crossed the £27 mark Monday, one seller here advanced to 6c. per pound and the other leading factor raised the price to 6.05c. per pound at New York and 5.85c. per pound at East St. Louis. Needless to say, the demand on the rising market was tremendous. The market's continued rise was due almost wholly to the situation abroad. There has been heavy purchasing of lead for war supplies and the markets here have followed London in every upward step to prevent American lead from going abroad. Although London recognizes that the lead market was now at an inflated level when compared with copper and zinc, observers there did not see much chance for a more rational price level there in the next few months, unless the high prices stimulated production to a large degree. At the same time, London sees a high rate of consumption over the next few months because of the extensive program of rearmaments. Lead production in United States in November was 43,625 tons against the highest figure in recent years and it compared with 42,156 tons in the preceding month and, 42,369 tons in November last year, according to the American Bureau of Metal Statistics. Stocks at the end of November were 176,914 tons, the smallest in recent years, and compared with 183,430 tons at the end of October and 222,636 tons at the end of November, last year. November shipments were 50,153 tons. Lead producers should open their books for February position this week and added purchasing will likely result.

Zinc did not follow the course of the lead market last week albeit the position of this metal was a very strong one. The sellers continued to quote 5.45c. per pound, East St. Louis for prompt shipment and were not anxious sellers at that basis. Quotations for delivery over the first quarter of the year were held at 5.55c. per pound. Zinc concentrates in the tri-state area were $34 to $35 per ton.

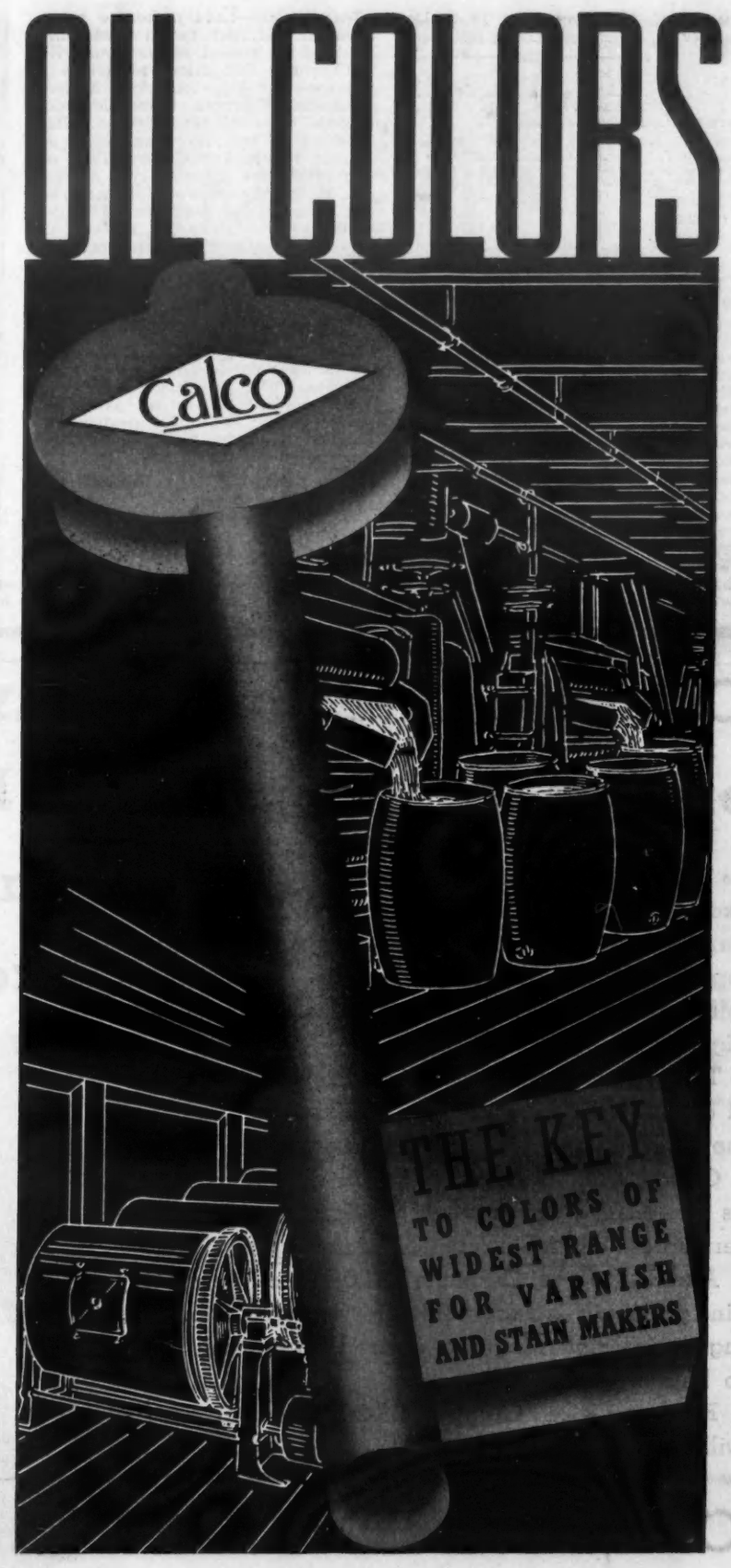
Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from December 19 to December 24, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0550@.0565	$0.0545	.. .. ..
Monday	.0600@.0605	.0585	27 1 3
Tuesday	.0600@.0605	.0585	27 10 0
Wednesday	.0600@.0605	.0585	28 2 6
Thursday	.0600@.0605	.0585	27 10 0
*Friday	.....@.....	.....	.. .. ..

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



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the period from December 19 to December 24, inclusive, were as follows:—

	Slabs: Per pound New York.	Slabs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.05825	$0.0545@.0555	..	..	..
Monday	.05825	.0545@.0555	18	17	6
Tuesday	.05825	.0545@.0555	18	18	9
Wednesday	.0582.	.0545@.0555	19	0	0
Thursday	05825	.0545@.0555	19	0	0
*Friday	.....	.....@.....	..	..	..

* Holiday.

Pigments

Dry white lead advanced Wednesday, to become effective January 1, following the sharp ascent of pig lead prices at the beginning of the week. Lead sulphate joined in the advance this time, accompanying lead carbonate. Blue lead was advanced and prices for lead-in-oil also moved higher. The increase in lead carbonate was the second since November 20; prior to that the market had been motionless for more than three years. Of course, car lot prices for dry red lead and litharge moved with each advance in the metal and the card prices for small lots of red lead, litharge and orange mineral advanced ½c. per pound on Monday, the sharpest single day's price advance within memory.

White Lead.—Lead carbonate prices advanced ½c. per pound Wednesday, marking the second advance since November 20. The prices were now as follows:—Car lots, delivered Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming, 7½c. per pound; delivered elsewhere, 7¼c. per pound; less car lots, delivered Arizona, etc., 7¾c.; and delivered elsewhere 7½c. per pound. Lead sulphate also joined in the advance last week, marking the initial change in the article since 1933. The prices for white lead sulphate and also blue lead were as follows:—Car lots, delivered, Arizona, California, etc., 7c. per pound; car lots delivered elsewhere, 6½c. per pound; less car lots delivered Arizona, California, etc., 7¼c. per pound; and less car lots delivered elsewhere 6¾c. per pound. Lead-in-oil was increased ½c. to ¾c. as follows: 1,000 pounds, 10¾c.; 500 pounds, 11c.; smaller lots, 12c. per pound. These were keg prices.

Red Lead.—Car lot prices and card prices advanced ½c. per pound, Monday. The schedule was named as follows:—95 percent or less Pb_3O_4, in 20 ton lots, 8½c. to 8¾c. per pound according to delivery point; 5 ton lots, delivered Alabama, Arkansas, California, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Texas, and West of the Cascade mountains in Oregon and Washington 9¼c. per pound; 5 ton lots delivered in Arizona, Idaho, Nevada, Utah and East of the Cascade mountains in Oregon and Washington, 9¾c. per pound; 5 ton lots delivered in Colorado, Montana, New Mexico and Wyoming, 9½c. per pound; and 5 ton lots delivered elsewhere 9c. per pound. Prices for 97 percent material were ¼c. per pound additional and prices for 98 percent material were ½c. per pound additional. Lead-in-oil was increased ½c. to ¾c. as follows: 1,000 pounds, 11¼c.; 500 pounds, 11½c., and smaller lots 12½c. per pound.

Lead Titanate.—Although lead costs have risen quite sharply in recent weeks, there has been no change in the price for this pigment.

Litharge.—Prices for car lot and less car lot amounts of this article also followed pig lead up ½c. per pound Monday. The schedule was named at 1c. per pound below the aforementioned schedule for red lead testing 95 percent or less Pb_3O_4.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Outstanding features of CRYPTONE ZS-20 enable you to produce high hiding paints more economically

Its hiding power alone makes Cryptone ZS-20 an exceptionally valuable white pigment. But other outstanding characteristics—color, ease of grinding, uniformity, and its non-settling property—sometimes not fully appreciated—unite to make this a unique paint pigment.

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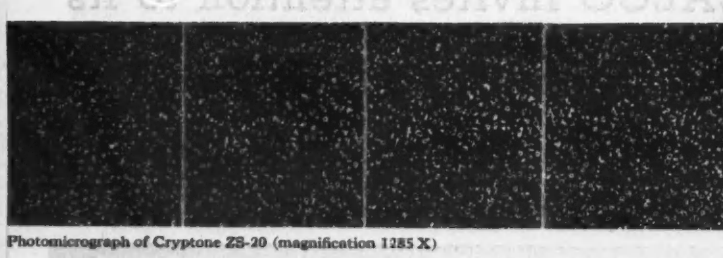

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Lithopone.—There has been a fairly active business in this product but the calls for deliveries moderated last week because of the holiday season. Prices continued unchanged and steady.

Orange Mineral.—Prices were advanced ½c. per pound, Monday. Following the rise in pig lead, the prices were raised for the largest single-day advance within recent memory. The schedule for 5-ton lots was as follows:—delivered Alabama, Arkansas, California, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Texas and west of the Cascade mountains in Oregon and Washington, 11½c. per pound; delivered Arizona, Idaho, Nevada, Utah, and East of the Cascade mountains in Oregon and Washington, 12c. per pound; delivered Colorado, Montana, New Mexico and Wyoming, 11¾c. per pound; and delivered elsewhere, 11¼c. per pound. Smaller lots were ½c. per pound higher.

Titanium Pigments.—Despite the approach of the holidays, producers reported that the demands were lively. There has been no recent change in the prices.

Zinc Oxide.—The market continued without change. The past week was rather quiet and the market was likely to continue so over this week. Prices continued steady.

Fillers and Extenders

Trade in inert pigments and fillers moderated down to holiday proportions last week. Sellers of certain commodities were centering their interest in lining up business for 1937. Spot purchasing was small and there was a general disposition to hold orders off until after the first of the year, so as to record purchases on 1937 books. There were no changes in prices reported last week.

Barytes.—As reported previously, sellers of the domestic white product were soliciting business for 1937 at the prices that have been in force this year. Spot trade was mild last week and will likely continue so until after the holidays, according to sellers.

Graphite.—The market has not evidenced any change in position over the past few weeks. There has not been much recent interest from the paint manufacturing trade.

Pumice.—Importers of Italian ground material have not advised of any change in the market. The American ground article was in a similar position.

Dry Colors

Lamp black prices for 1937 will continue substantially unchanged from those that have been in force this year. Some sellers were prepared to take contracts at unchanged levels. The increase in prices for metallic brown and the advance in prices for Persian Gulf red oxide, both of which were reported in last week's issue, were the latest changes in prices in the color market. Trade was small last week because of the holiday season and much of the business of the week was constituted by arrangements for 1937 contracts.

Chrome Oxide Green.—As reported here a week ago, the price for this commodity was advanced to 20c. per pound for any quantity. This price was quoted on a delivered basis in the Northeastern quarter of the country and was ½c. per pound additional elsewhere.

Chrome Yellow.—Contracts were being booked at the recently established level of 13c. per pound. The spot price was now 14c. per pound. Prices on contract were for the full year, but are subject to quarterly adjustment.

Copper Phthalocyanin Blue.—The price for this new blue was named at $4.75 per pound for 100-pound barrels, f.o.b. sellers' works with freight allowed.

Iron Blues.—Manufacturers have been booking contracts for 1937, subject to quarterly price adjustment, at 36c. per pound on contract and 37c. per pound on open order.

Metallic Brown.—As reported here a week ago, prices for this color were increased $3 per ton. Quotations for material in barrels were $43 per ton, or 2.15c. per pound, while material in bags was quoted at $40 per ton, or 2c. per pound, f.o.b. Pennsylvania shipping points.

Ocher.—The market held unchanged at the recent reduction in prices. The reduction in price, which amounted to approximately 3/8c. per pound, was the market's first movement in the past several months.

Lamp Black.—Prices named for 1937 contracts by some of the domestic sellers were substantially unchanged from those in force this year.

Persian Gulf Oxide.—As reported here a week ago, prices were lowered

3/8c. per pound at the Eastern shipping points. The l.c.l. quotations at Eastern shipping points were now 4¼c. per pound. The warehouse prices in Chicago and St. Louis were reduced ¼c. per pound to 4⅝c. per pound, and prices at Pacific Coast points were unchanged at 5c. per pound.

Varnish Gums

Far Eastern gum prices finally moved up in sympathy with the increased prices of other Far Eastern produce in recent months. As a result of recent advances in prices, such commodities as rubber, spices and others were more remunerative to native labor and the primary market collectors were forced to increase prices in order to obtain supplies from the interior. The Batavia and Singapore dammars were higher in several gradings. Even at the higher prices, the markets appeared very firm with an advancing tendency.

Copals.—Hiroe nubs advanced 3/8c. per pound to the basis of 10¾c. per pound; Pontianak nubs advanced ½c. to 12c.; Loba A, advanced ½c. per pound to 9¾c.; Loba B, advanced 3/8c. to 9¼c.; Loba C, advanced ½c. to 8⅞c.; and DBB advanced 5/8c. to 8c. per pound. All of the aforementioned prices were for car lot amounts and were subject to the usual differentials for l.c.l. quantities and for lots of less than 10 packages.

Dammars.—Advances in the Batavia gums last week were in A grading, which rose ½c. to 22¼c. per pound; C, up ½c. to 17⅛c. per pound; A/D, up 3/8c. to 17⅛c. per pound; A/E, up 5/8c. to 14½c. per pound; and E, up 5/8c. to 7⅛c. per pound. The price for No. 1 Singapore was increased 1⅛c. to 17⅛c. per pound; No. 2 grading advanced ¾c. to 14⅛c; and Singapore dust was ¼c. per pound higher at 5c. per pound. All of these prices were for straight or mixed cars and were subject to the usual differentials for l.c.l. quantities or lots of less than 10 packages.

Synthetic Resins

Ester gum prices for the first quarter of 1937 were made known on Wednesday of last week. Quotations were:—75,000 pound contracts, 10c. per pound; car lots, single, shipment, 10c. per pound; less car lots for 3,000 pound lots or over, 10¼c. per pound; and smaller quantities, 10½c. per pound. These quotations represented an advance of 1¾c. per pound. The advance resulted from the high cost and scarcity of glycerin and also the recent advance in rosin prices.

Naval Stores

Quieter conditions prevailed last week in Southern and local markets. In the case of rosin purchasing was on a much reduced scale as compared with recent preceding periods. At this season of the year many consumers are disposed to curtail purchases, but the slowing down of business last week was traceable in some measure to the development of a reactionary tendency at times in prices in primary centers. The export inquiry also showed some falling off. The contraction of business was regarded by some in the trade here as merely temporary, however, and as likely to be followed after the holidays by a resumption of activity. Meantime the undertone of primary markets for both rosin and turpentine was regarded as firm. Offerings during the week were generally light or moderate.

A report was current in local circles to the effect that several large lots of rosin held by the government under loans made to producers some time ago were taken at prices which proved very remunerative. It was estimated that such holdings have been reduced through recent sales by not far from 50,000 barrels. There were also reports to the effect that stocks of turpentine under the control of the government have been reduced by about 6,000 barrels. The reduction in these holdings and the plans under way or contemplated for a curtailment of production of naval stores during the coming season created a rather optimistic feeling in some circles last week concerning the outlook for business and prices during the last quarter of the current naval stores season.

Weather conditions in many parts of the South were favorable for operations in the woods and the movement of rosin and turpentine from the interior to the seaboard continued on a liberal scale. The failure of marketing to decrease in the way that had been expected was attributed to the high prices prevailing. The opinion was expressed in some quarters, however, that the bulk of the scrape crop has now been gathered and that a steady decline in operations will probably be witnessed in the near future. Stocks in primary centers are also said to be materially lighter than at this time last year. Business in the Savannah and Jacksonville markets was suspended from 10:30 a.m. last Wednesday till this morning.

According to consular advices from Bordeaux, the collection of the scrape crop of crude gum in France was completed during November under favorable weather conditions, and the yield of gum was larger than that of last year. It was estimated by the trade that the production from the 1936 naval stores crop will be the same as previously reported, namely: 5,824,857 gallons of turpentine and 66,200 metric tons of rosin. There was no material improvement in the domestic and export demand for turpentine during the month. Domestic consumers of rosin are placing large orders to build up stocks in anticipation of higher prices. The total exports for the first 10 months were 104,847 gallons of turpentine, valued at 1,147,000 francs, and 30,165 metric tons of rosin, valued at 26,984,000 francs. These figures compared with 151,446 gallons of turpentine in 1935, valued at 1,481,000 francs and 17,105 metric tons of rosin, valued at 15,782,000 francs.

Turpentine.—The local market for turpentine was quieter last week, buyers being disposed in not a few cases to limit their takings to small lots to fill immediate needs. The movement of such lots in the aggregate was apparently lighter than in the previous week. Domestic purchases in primary centers were also smaller and with as usual at this period of the year there were few export inquiries received. Offerings in primary markets from day to day were generally light or moderate and the undertone there apparently remained firm despite a continuation of rather liberal receipts.

SAVANNAH, Dec. 25.—The turpentine market was fairly active with the tone firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Monday	43	272	317	30	34,233
Tuesday	44	71	433	55	34,611
Wednesday	42½	76	274	40	34,845
*Thursday	..	...	...	...	.....
*Friday	..	...	...	...	.....

* Holiday.

JACKSONVILLE, Dec. 25.—The turpentine market had a firm undertone. Offerings were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Monday	43¾	...	487	3	43,682
Tuesday	42½	...	144	55	43,771
Wednesday	43	68	168	100	43,834
*Thursday	..	...	...	...	.....
*Friday	..	...	...	...	.....

* Holiday.

PENSACOLA, Dec. 19.—The turpentine market was quiet and firm. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	147	324	28,001
Tuesday	148	19	28,136
Wednesday	109	...	28,236
Thursday	136	...	28,175
Friday	52	164	27,926
Saturday	76	...	27,999

CHICAGO, Dec. 24.—Buying of turpentine has followed fairly liberal lines, considering the season, and with offerings made somewhat limited, tone of the market is steady and rather healthy. Interest of buyers is in obtaining fairly good amounts of material in more or less steady flow, rather than in purchasing very large quantities at any one time. Tone is healthy, with prices strong. Ruling prices at the close of business last night were:—Five-drum lots, 53c. per gallon; five wood barrels, 58c.; single drums, 56c.; single barrels, 61c.

LONDON, Dec. 24.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	43	9
Monday	43	9
Tuesday	43	9
Wednesday	43	9
Thursday	43	9

Stocks of American turpentine in London were:—

	Dec. 24.	Previous week.	Last year.
Barrels	23,170	22,403	9,197

Rosin.—Although the tendency of prices was reactionary at times last week, the undertone of primary and local markets was regarded as firm. Changes in quotations were moderate and some regarded the setback as natural and as due largely to the slowing

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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down of business that is usually witnessed at this season when many consumers are preparing for the work of inventory taking. Offerings in primary markets from day to day were generally light or moderate, especially in the case of the medium and pale grades. Weather conditions were favorable for operations in the woods and marketing continued liberal.

CHICAGO, Dec. 24.—The recent sharply advancing price trend of the rosin market has been interrupted by a slight lull, with some prices a little lower. However, the tone still seems quite steady and in most cases the offerings are not overly large. Buyers are still guarding against excessive market participation at these levels. Ruling prices at the close of business last night were:—B grade, $12.30 per lot of 280 pounds; G grade, $12.30; M grade, $12.30; W. W. grade, $13.30.

SAVANNAH, Dec. 25.—Rosin offerings were generally light and the undertone of the market remained firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Sat.	Mon.	Tues.	Wed.	*Thurs.	*Fri.
B	....	$9.80	$9.65	$9.60	....	....
D	....	9.80	9.65	9.60	....	....
E	....	9.80	9.65	9.60	....	....
F	....	9.80	9.65	9.75	....	....
G	....	9.80	9.70	9.75	....	....
H	....	9.80	9.70	9.75	....	....
I	....	9.80	9.70	9.75	....	....
K	....	9.80	9.70	9.75	....	....
M	....	9.80	9.75	9.75	....	....
N	....	10.00	10.00	9.75	....	....
WG	....	10.00	10.00	9.75	....	....
WW	....	10.80	10.80	10.80	....	....
X	....	10.80	10.80	10.80	....	....

	Barrels				
Sales	527	600	282	....	....
Receipts	8,437	2,338	2,180	....	....
Shipments	844	5,712	405	....	....
Stocks	85,093	81,719	83,494	....	....

* Holiday.

JACKSONVILLE, Dec. 25.—The rosin market was quieter but the undertone continued firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Sat.	Mon.	Tues.	Wed.	*Thurs.	*Fri.
B	....	$9.65	$9.60	$9.55	....	....
D	....	9.65	9.60	9.55	....	....
E	....	9.65	9.60	9.55	....	....
F	....	9.75	9.60	9.55	....	....
G	....	9.75	9.60	9.55	....	....
H	....	9.75	9.60	9.55	....	....
I	....	9.75	9.60	9.55	....	....
K	....	9.80	9.60	9.55	....	....
M	....	9.80	9.60	9.55	....	....
N	....	9.80	9.60	9.55	....	....
WG	....	9.80	9.80	9.80	....	....
WW	....	10.80	10.80	10.80	....	....
X	....	10.80	10.80	10.80	....	....

	Barrels				
Sales	999	246	....	....	....
Receipts	2,134	1,264	561	....	....
Shipments	....	....	136	....	....
Stocks	71,203	72,467	71,892	....	....

* Holiday.

PENSACOLA, Dec. 19.—The rosin market was quieter. Receipts were liberal. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	565	594	526	458	498	608
Shipments	350	100	....	1,235	....	....
Stocks	31,450	31,944	32,470	31,235	33,527	34,135

LONDON, Dec. 24.—Quotations on American rosin were as follows:—

	Per cwt. in barrels—			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	24	0	25	3
Monday	24	0	25	3
Tuesday	24	0	25	3
Wednesday	24	0	25	3
Thursday	24	0	25	3
*Friday	..	..	..	..

* Holiday.

Pine Oil.—A firm tone continued to prevail in the market here. There was a fairly active demand, though consumers were not disposed to anticipate at this season.

Pitch.—Quotations were well maintained and the tone of the market appeared to be very firm. There was a steady movement into local and outside consuming channels.

Rosin Oil.—Irregularity at times in Southern markets for basic material found no reflection in local quotations for rosin oil, prices ruling firm at the recent advance.

Tar.—There was a fairly active demand from local and other consumers and the market remained in a firm position, quotations being miantained.

Shellac

The generally stronger tone that prevailed in the shellac markets at home and abroad continued to be reported last week. In local circles most bleachers were little disposed to meet the minimum figures quoted in some directions, and, in general, it might be said that conditions were generally opposed to buyers. Outlook for business after the turn of the year was said to be very good. Substantial business has already been done, covering requirements of the first quarter and continued improvement in such bookings was expected to prevail. Prices in the Calcutta and London markets continued to have a strong tone. The advance noted in the previous week was extended somewhat and there was nothing to suggest that anything but a very firm undertone prevailed at either point.

London, Dec. 24.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	Per pound			
	December 24		December 18	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	54½	11.8	54	11.7
May	55½	12.1	55	12.0

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight—	
	March.	May.
December 18	54s ..	55s ..
December 19	54s 6d	55s 6d
December 21	55s ..	56s ..
December 22	54s ..	55s ..
December 23	54s 6d	55s 6d
December 24	54s 6d	55s 6d
*December 25	... ..	... ..

* Holiday.

Calcutta, Dec. 24.—Prices quoted on pure T.N. *c.&f.* New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound—	
	Dec. 24.	Dec. 18.
January	12⅝c	12⅛c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
December 18	12⅛c
December 19	12⅛c
December 21	12⅛c
December 22	12⅛c
December 23	12⅜c
December 24	12⅜c
*December 25	.....

* Holiday.

Lacquer Materials

The market for lacquer materials continued to note an irregular demand. Interest was mainly concerned with writing 1937 business, the majority schedules having been released in the preceding period. Butyl alcohol continued in a firm position. Acetone demand was irregular. General buying reflected the near approach of the year-end inventory-taking period. Dibutyl phthalate was spotty as far as demand was concerned. Triphenyl phosphate schedule was readjusted. Reports from the automobile industry dealt principally with the labor difficulties in the industries feeding the automobile trade

(Continued on page 50)

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Oils, Fats and Waxes

Soybean Oil Again Advanced by Producers—Cottonseed Declines, Then Rallies—Linseed Oil Up—Sperm Raised by Refiners —Oleo, Lard, and Neatsfoot Sharply Higher

Business in miscellaneous oils, fats and greases showed some slowing down on the eve of the Christmas holidays, but there was no relaxation of the firm tone noted in recent preceding weeks. On the contrary, the trend of quotations was still upward, further sharp advances being recorded in various vegetable and animal products. Offerings of many commodities were light throughout the week, this applying to both domestic and imported products. In the case of oils of foreign origin, scarcity was also reported abroad and, in the opinion of some in the local trade, there appeared to be little likelihood of any material change in the situation in this respect in the near future.

Coconut oil remained firm. Spot oil was as scarce as ever and there was little disposition among sellers to offer futures freely. Copra reacted in London, though the setback was followed by another upturn later on. Chinawood oil was quiet and variations in prices abroad and here were narrow. Palm oil was higher on spot, influenced by a stronger primary situation. Sales of rapeseed oil were reported at a further advance. Producers of soybean oil announced another increase in prices.

Menhaden, sardine and whale oils were in fair demand and prices were firm at the recent advance. Sperm oil was raised moderately by refiners. Crude fish oils were firm in primary centers. Lard, neatsfoot, oleo and tallow oils were advanced sharply owing to increased cost of basic material. A further rather sharp advance occurred in stearin. Cash lard was irregular in company with futures in the West, changes in prices being moderate. Grease was firm, slightly higher prices being quoted by some sellers. Offerings of tallow were light and the market presented a firm appearance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Beeswax, yellow, crude, Brazilian-Chilean, ½c. per lb.
white, bleached, 2c. per lb.
Carnauba wax, No. 1 yellow, ½c. per lb.
No. 2 yellow, ½c. per lb.
Copra, ⅛c. per lb.
Cottonseed oil, edible, 10c. per 100 lbs.
Grease, ½c. to ¼c. per lb.
Japan wax, ¾c. per lb.
Lard, 5c. to 25c. per 100 lbs.
Lard oil, $1 per 100 lbs.
Linseed oil, 2-10c. per lb.
Neatsfoot oil, 50c. to $1 per 100 lbs.
Oleo oil, 50c. per 100 lbs.
Olive oil foots, ⅛c. per lb.
Palm oil, ¼c. per lb.
Rapeseed oil, denatured, 2c. per gal.
Rapeseed oil, blown, 1c. per lb.
Sardine oil, crude, 4c. per gal.
Soybeans, Chicago, 10c. per bush.
Soybean oil, ⅛c. per lb.
Sperm oil, 2-10c. per lb.
Stearin, ¾c. per lb.
Sunflowerseed oil, ¼c. per lb.
Tallow oil, $1 per 100 lbs.

Reduced

Chinawood oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
151.4	149.8	138.8	146.7

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market remained in a firm position. The output of domestic makers continued to move promptly into consuming channels and the market appeared to be bare of spot oil. Quotations were largely nominal.

Chinawood.—A somewhat easier tone developed at one time, but this was without any particular significance and was apparently the result mainly of the slackening of demand usually witnessed at this period of the year in all markets. Variations in quotations abroad were narrow throughout the week and there was little change in the attitude of shippers abroad. Offerings from importers here and on the Coast were light in the case of futures, while open market quotations on prompt spot oil were generally withdrawn, sellers not being inclined to offer in view of the unfavorable reports concerning political conditions in the Far East. Some business was reported to have been closed here at 14c. to 14.2c. per pound for April-June in tankcars. Premiums on drums over futures were unusually wide so far as spot oil was concerned.

Coconut.—Local and Coast markets for crude oil were quieter last week, buyers being inclined to hold off as usual at this period of the year. The tendency of the London market for copra was reactionary, prices there receding at one time to £21 10s. 6d., though there was a rally later. The reaction in that market was regarded by some as only natural after the recent series of steady advances in which all-time high records were established. Spot and nearby oil in the market here and on the Coast was apparently as scarce as ever and there was no inclination among producers to offer futures more freely despite the slowing down of demand. Crude edible oil was unchanged with the market quiet and the tone firm.

Corn.—A firm tone continued to prevail. The inquiry was lighter, buyers being inclined to hold off in some cases for further developments in other oils. On the other hand, scarcity of offerings continued to be noted and at times the grain market displayed strength. Quotations on crude were still largely nominal.

Cottonseed.—Edible oil was firmer, quotations being advanced 10c. per 100 pounds by refiners. There was some increase in demand though consumers were not inclined to anticipate. Offerings of imported oil were light and prices appeared to be more or less nominal.

Olive.—The market continued to be characterized by light offerings and a firm tone. Quotations on denatured and edible oil were still maintained at around recently advanced levels, the figures being mainly nominal. Holders of the limited stocks were not inclined to offer freely in view of the uncertainty concerning future supplies. Edible oil was ¼c. per pound higher. There was a fair inquiry. Offerings were light on spot and for arrival.

Palm.—The situation abroad was stronger and this was reflected in the local spot market, quotations here being about ¼c. per pound higher with the figures largely nominal.

Rapeseed.—The trend of quotations on denatured oil continued upward owing to a further shrinkage in supplies. Sales were reported at 82c. per gallon and some sellers advanced the price subsequently to 85c. Blown oil was raised 1c. per pound.

Soybean.—Quotations were advanced ½c. per pound by producers to 11.5c. per pound in drums for less than car lots. Open market quotations on car lots and tankcars were withdrawn. According to the government the acreage harvested this season was 2,113,000 acres, a decrease of 584,000 acres, or 22 percent, as compared with 1935. The yield per acre this year was 14 bushels compared with 16.5 bushels in 1935.

Markets at Other Centers

Chicago, Dec. 24.—The vegetable oil market has been maintaining most or all of the strength which it recently picked up on its way up. Buying has abated in some cases, but for the most part it is coming along in fairly steady volume.

COCONUT.—Crude oil, 8¾c. to 9c. per pound, prompt shipment; 8c. to 8¼c., deferred, Coast basis. Refined, edible oil, 13¾c. to 14c. per pound, barrels, drums, car lots; and 14½c. to 15c., drums, less than car lots.

CORN.—Crude, low acid, 10c. to 10⅛c. per pound, tanks, mills, partly nominal. Refined, edible oil, 12¾c. to 13c., drums, car lots; and 13¼c. to 13½c., drums, less than car lots.

CHINAWOOD.—Ruling spot, drums, 15⅜c. to 15½c. per pound; futures, 14⅜c. to 14½c.

SOYBEAN.—Crude, deferred shipment, 9⅜c. to 9½c. per pound, mills.

PEANUT.—Crude, 10½c. to 10¼c. per pound.

Chicago, Dec. 23.—Range for spot soybeans for the week ended Dec. 22, 1936: —No. 2 yellow:—High, $1.59; low, $1.55.

San Francisco, Dec. 22.—One of the features of the market here is the practically absolute absence of any oils or oil bearing seeds on the spot and the nominal aspect of materials in this position. Otherwise, however, the situation was rather active last week for forward shipments of such items as coconut, chinawood and cottonseed oils. The market remained steady most of the time, chinawood oil being noted as slightly easier during the period of a day or so, but the latter is quoted today at the same level as of a week ago. Probably the last of the duty-free perilla oil, in storage here prior to the application of the 4½c. duty, has been moved. In any event, the market is bare of offers and no perilla can be found. Japanese offerings on perilla are now nominally 10⅝c., duty paid, Coast, for shipment.

Ruling prices are:—

BABASSY.—Strictly nominal, in the absence of offerings. Quoted at 10½c. per pound in tankcars, f.o.b. mill, Pacific Coast, February/March shipment.

COCONUT.—Spot market bare. Oil sold last week for forward shipment at approximately 8⅜c. per pound in tankcars, f.o.b. Pacific Coast. The market is strong.

COPRA.—Continued strength is seen in the copra market. While not an active situation on the Pacific Coast, nevertheless there was a little buying interest noted here during the past few days, at figures above 5c. per pound. What is hoped to be an early termination of the present strike is lending some encouragement, but not much. Reports are that trading continues active in primary sources. Quoted today at from 5.10c. to 5.30c. per pound, c.i.f. Pacific Coast ports.

CHINAWOOD.—Steady December oil quoted at 14c. per pound in tankcars. January/February quoted at 13¾c. March forward quoted at 13½c. Business has been active.

Cottonseed.—Semi-refined foreign oil is quoted as follows:—Brazilian, 10.80c. per pound, duty paid in tankcars, f.o.b. Pacific Coast; Japanese, 11c. per pound, December/February shipment from the Orient.

PERILLA.—Spot market is bare of stocks. For immediate and forward shipment from Japan, perilla oil is quoted at 10⅝c. per pound, f.o.b. tankcars, Pacific Coast.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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TEASEED.—Nominal, in the absence of offerings, although last quotations were on the basis of 11c. per pound in drums, c.i.f. Pacific Coast for January/February shipment from the Orient.

SESAME.—Crude sesame seed oil is quoted at 10½c. per pound nominally, in tankcars, f.o.b. mill, Pacific Coast.

London, Dec. 17.—Soybean oil, British crude, 34s. per hundredweight; palm kernel oil, refined, 60s. per hundredweight; rapeseed oil, crude extracted, 33s. 9d. per hundredweight; coconut oil, Ceylon, 32s. 9d. per hundredweight; peanut oil, Bombay, crude, 31s. per hundredweight.

Linseed Oil

Changes in flaxseed quotations in domestic and foreign markets last week were generally moderate. Linseed oil higher. Cake and meal unchanged.

Flaxseed—DULUTH, Dec. 24.—Prices have been holding steady to firm in the Duluth flax market following the sharp advance in quotations earlier in the month. Trading activity has again ebbed, however, with preholiday atmosphere this week counting as a factor. Recent trade statistics are being studied by dealers. The Argentine government's estimate of a crop of 74,000,000 bushels was the basis for estimates the season's flaxseed surplus would be 68,000,000 bushels in that country. There are indications, however, that Argentine supplies for export will not prove burdensome in 1937. Reports of substantial buying of new crop Argentine seed lend support to this view. Recent reports have indicated December movement of the Argentine flax crop is below normal, with rains having interfered with harvesting. Local cash business continued dull.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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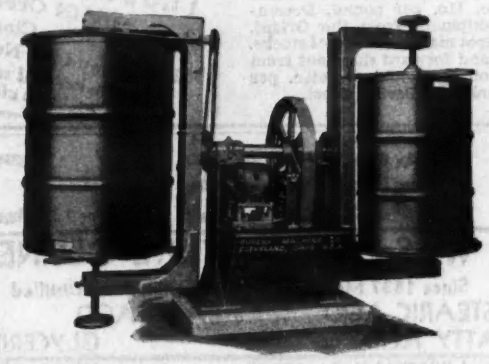

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The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.27	$2.17	$2.16
Monday	2.27	2.17	2.16
Tuesday	2.24	2.14	2.13
Wednesday	2.25	2.15	2.14
Thursday	2.17½	2.17½	2.16½

Crop movement in bushels follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week..	37	2,826	31,165	38,500
Since Aug. 1...	1,332,527	3,527,036	907,337	2,399,187

MINNEAPOLIS, Dec. 24.—Undertone of the cash flax market during the past week has been strong with intermediate grades creeping up toward top prices. There was virtually no choice quality in except Argentine and that went direct to the various crushing plants.

Domestic farm movement is very limited despite the holiday season. Receipts are coming in thin volume from a wide area. Some came from South Dakota, some from Montana, some from North Dakota and most of it from Minnesota territory. Average quality was pretty poor.

Some of the buyers are dropping out on account of the advance in comparative prices. Competition for medium quality is not nearly as good at the moment as it was a week back.

Public elevator stocks decreased 25,000 bushels in three days compared with a decrease of 45,000 bushels a year ago. Deliveries on December contracts continued as Argentine flax arrived here and induced crushers to release some of their poor stuff. Total tenders to date, 73,000 bushels. Open interest in December futures at the close of the Monday session was 2,000 bushels, which leaves little to close up during the balance of the month.

No. 1 seed on spot quoted at May price to 12c. over, extra fancy, 13c. over.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.30½	$2.20½	$2.17½
Monday	2.30	2.18⅝	2.17
Tuesday	2.28	2.18	2.15
Wednesday	2.29⅝	2.19⅝	2.16⅜
Thursday	2.32½	2.22½	2.19½

WINNIPEG, Dec. 24.—Changes in flaxseed prices were generally moderate. Trading was quiet. The week's closing range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.71½	$1.71½	$1.72½
Monday	1.71	1.71	1.71½
Tuesday	1.69⅝	1.69⅝	1.70⅝
Wednesday	1.70	1.70	1.69½
Thursday	1.72½	1.72½	1.73½

BUENOS AIRES, Dec. 24.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.20⅛	$1.05
Monday	1.19⅞	1.04¼
Tuesday	1.18⅞	1.04⅝
Wednesday	1.17½	1.04⅝
Thursday	1.19⅝	1.04⅜

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom..	280,000	568,000	.....
Continent	8,000	4,000	48,000
Others	176,000	.....	.....
Totals	464,000	572,000	48,000

Since April 1—	Bushels This year.	Last year.
United Kingdom.....	8,256,000	2,432,000
Continent	836,000	600,000
Others	600,000	800,000
Totals	9,692,000	3,832,000

HULL, Dec. 24.—Quotations on flaxseed were:—

	Per ton La Plata.	Bombay.
Saturday	£12¼	£15¼
Monday	12⅛	15⅛
Tuesday	12	15⅛
Wednesday	11⅞	15
Thursday	11⅞	15

Linseed Oil.—The market here was quieter so sar as new business was concerned, consumers being inclined to hold off as usual at this period of the year. The tone continued firm, however, and quotations were advanced two points further to the basis of 95c. to 9.7c. per pound in tankcars, according to seller. There was a steady movement into consuming channels on contracts previously placed and supplies at the local mills remained at a low level. Advices from outside points were also to the effect that the production was being shipped out promptly.

Cash flaxseed was in good demand and premiums over futures in northwestern centers were well maintained. Offerings were light and were promptly absorbed by crushers and cash interests. The country crop movement was unusually light for this period of the year when many farmers are inclined to rush their holdings of seed to market in order to secure funds for the holidays.

Although new business in linseed oil was quiet locally last week, optimistic sentiment prevailed in some quarters regarding the outlook for trade and prices after the turn of the year. It is predicted by some that any increase in flaxseed production will be needed to meet an expanding consumption of linseed oil not only in this country, but also in other parts of the world, especially as linseed oil is in an exceptionally favorable competitive position as compared with other vegetable oils, many of which have advanced sharply in recent weeks.

Competition between Argentina and Indian shippers is expected by some to be keener next season as a result of the removal of the pegged price in the former country. Unsold stocks of old crop seed in India are said to be very small. The prospects for the new crop in that country are reported as favorable, but the size of the yield will be decided by the extent of winter rainfall.

Receipts of flaxseed at New York last week were 265,920 bushels.

A movement has been started to organize a market on the New York Produce Exchange for trading in linseed oil futures. A meeting of members of the exchange and of the linseed oil trade was held on Monday to discuss the plan which was approved and the matter referred to a special committee to take further action. It is expected that a definite announcement will be forthcoming in the near future if proposed rules governing transactions are adopted.

MINNEAPOLIS, Dec. 24.—Linseed oil market conditions are much the same as they were a week ago, trade showing just a little shrinkage. Buyers are showing rather avid interest in the situation and now and then a spurt of trade comes in when rainfall develops in Argentina. Some of the users are pretty well covered for the early months of the year and are now concerned about later delivery. Smaller consumers are buying steadily for quick and slightly deferred shipment. Still there is no evidence of a desire to cut down inventories as much as usual.

Part of the urge to make oil contracts is due to the possibility of inflation to come. Late press reports indicate possibilities of trouble ahead in money markets due to the invasion of foreign capital. This tends to keep the buying trade upset more or less.

Shipping instructions on maturing contracts continue fair to good and stocks of oil on hand are diminishing gradually. Currently about 50 percent of the presses are in action.

Quotations on carload lots, f.o.b. Minneapolis, cooperage, 10.5c. per pound, tankcar lots, 9.9c. per pound, warehouse lots, 10.9c. per pound.

CHICAGO, Dec. 24.—Offerings are few in the linseed oil market, with tone of the market quite firm and prices strong to higher. Orders have been reaching sellers in relatively good volume for this time of year, although most of them are in moderate volume. Buyers are keeping their supplies rolling to them in a fairly steady stream to eliminate the possibility of exhaustion of their supplies. Ruling prices are:—Tankcar, 9.9c. per pound; car lots, 10.5c.; warehouse deliveries, five drums, 10.9c.

SAN FRANCISCO, Dec. 22.—Further activity in linseed oil last week preceded a two-point rise in sellers quotations here today as the market strengthened. Contracts for advance future shipments of oil have now been pretty well absorbed by the consuming trade for requirements well into next year. Actually, some users are covered through June and will be in the market probably for only light needs between now and then. Oil in tankcar lots is available at about 3 points below quotations. Quoted:—Tankcars, 10.2c. per pound; drum car lots, ex-mill, 10.4c.; drum lots, ex warehouse, 11.2c.

LONDON, Dec. 24.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	27	10½
Monday	27	7½
Tuesday	27	6
Wednesday	27	3
Thursday	27	3

Cake and Meal.—A firm tone prevailed in the market here and quotations were maintained at recently advanced levels. Supplies on spot were reported as small and offerings of futures continued light. There was a fairly active domestic inquiry for meal. The export call for cake was light.

MINNEAPOLIS, Dec. 24.—Undertone of the linseed meal market is a bit soft right now on account of a spell of mild weather. Resellers have plenty of meal to dispose of and are pressing the market a little to insure shipping instructions after the turn of the month. Buyers are more or less indifferent. Crushers themselves have little meal to sell for shipment earlier than February and are not pressing much for shipment that month.

Shipping instructions on maturing contracts are quite prompt so far and probably will continue so on account of the light secondary stocks. Quotations on carload lots f.o.b. Minneapolis, 34 percent protein, $48 to $49.

CHICAGO, Dec. 24.—With buyers still showing considerable interest in the linseed meal market and with sellers offering amounts at virtually minimum levels, the tone of the market as a whole continues strong and the general appearance healthy. The feeders continue to place business. Resellers have some material to offer. Contract orders are reported of some importance. Round lot business remains limited. Ruling prices are:—Round lots, $49 per ton, largely nominal; car lots, $49.50; less than car lots, $51 to $51.50.

Cottonseed Oil

The local market for refined cottonseed oil futures was irregular. Crude oil and other cottonseed products in Southern markets ruled firm.

Cottonseed Oil.—A further contraction of speculative operations was noticeable in the local market for refined oil futures on the eve of the Christmas holidays, business on the New York Produce Exchange being suspended from Thursday night till this morning. Prices were irregular, the general trend being downward early in the week after which there was a quick recovery. The early weakness was attributed to bearish pressure, hedge selling and liquidation for account of local and other traders who were disposed to reduce their commitments before the holidays. Bearish pressure apparently had the effect of uncovering stop loss orders on the way down. At around 11.21c. for May and 11.26c. for July, however, selling pressure relaxed, and with commission houses buying on resting orders and shorts covering prices recovered.

There was little change in the position of crude oil in the South. Buyers in some instances reduced bids as a result of the early weakness in refined oil here, but sellers were not inclined to offer at below 10c. Sales were reported at that figure in the Southeast and the Valley. The volume of business in crude oil was light but this was apparently the result of the reserved attitude of sellers rather than to a lack of buying interest. Advices from the South stated that many of the mills were sold far ahead.

Vegetable and animal products which compete with cottonseed oil were generally firm or higher. Lard futures weakened at one time in Chicago, but there was a rally later. Tallow offerings were light. The last transactions reported in that product were at 8½c. per pound for extra but sellers were said to be disinclined to accept further business in an important way at less than 9c. per pound. Soybean oil was advanced again by producers. According to the government, the production of soybeans for the current season was nearly 15,000,000 bushels smaller than in the previous season. There were reports of a further improvement in the export inquiry for lard. Exports of that commodity from Atlantic and Gulf ports from November 1 to December 19 were 20,008,770 pounds against 12,606,946 pounds in the same time last season.

The December government pig report was issued on Wednesday. It was regarded as bearish by some and as bullish by others. According to the report, there was an increase of about 6 percent in the fall pig crop of 1936 over that of 1935, an increase of about 20 percent in the combined spring and fall crop of 1936 over that of 1935 and a prospective decrease of 5 percent in the number of sows to farrow in the spring of 1937 from the number farrowed in the spring of 1936. The number of pigs saved in the fall season of 1936 is estimated at 23,815,000 head. This number is 1,240,000 head or 6 percent larger than the number saved in the fall season of 1935, but is 11 percent less than the 5-year (1930-34) average.

The number of sows to farrow in the spring season of 1937 (December 1, 1936, to June 1, 1937) for the United States is indicated at 6,650,000, which is 378,000 or 5 percent smaller than the number farrowed in the spring season of 1936. The survey reports reflect the heavy marketings of 1936 spring pigs from the corn belt states up to the first of December. Although the 1936 spring pig crop for the corn belt was estimated at nearly one-third larger than that of 1935, the number of hogs over six months of age on farms on December 1 was shown as somewhat smaller this year than last. In view of the continuing heavy marketings in December it is probable that the total number of all hogs, including pigs, on January 1, 1937, will be somewhat smaller than a year earlier.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from December 19 to December 24, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales, Tanks.
January	11.24	11.05	11.35@11.43	11
February	...	...	11.45 nom.	..
March	11.45	11.08	11.44 sale	146
April	...	...	11.45 nom.	..
May	11.58	11.21	11.57 sale	306
June	...	...	11.58 nom.	..
July	11.67	11.26	11.61 sale	249
Total sales (30 switches)				742

Crude, Southeast, 10.00c. nom.
Valley, 10.00c. nom.
Texas, 9.87½c. nom.

Chicago, Dec. 24.—In keeping with the strength being shown in related markets, cottonseed oil has been ruling strong here. Prices show an inclination to rule strong to a trifle higher in some cases. Inquiries indicate buyers are keenly interested in filling their needs currently. Reports from the South indicate strength there. Good, off-Summer yellow fig oil is 11½c. per pound. Refined, edible oil is quoted at 12¾c., barrels, car lots; and 12¼c., barrels, less than car lots.

Hull, Dec. 24.—Quotations on cottonseed oil were:—

	Refined, Per cwt. s. d.	Egyptian crude, Per cwt. s. d.
Saturday	34 3	31 9
Monday	34 3	31 9
Tuesday	33 9	31 3
Wednesday	33 9	31 3
Thursday	33 9	31 3
*Friday	.. ..	.. ..

* Holiday.

Cake and Meal.—The prevailing tone in Southern markets for spot material was firm and quotations were generally well maintained. Offerings were reported as light in all sections. There were predictions that the next monthly census report would make a bullish showing. Trade was quieter.

Markets at Other Centers

Atlanta, Dec. 22.—The market for most cottonseed products was quiet during the holidays. Prices are firm. The feed demand continues active.

Quotations of this market are as follows:—

OIL.—Prime crude, 10c. per pound.

MEAL.—7 percent grade, $32 per ton, interior mills.

HULLS.—Loose, $14.50 per ton.

SEED.—$42 ton, shipping points.

Memphis, Dec. 23.—Crude cottonseed oil ruled quiet during the past week after the activity of the previous period. The market retained a firm tone and a few lots were sold at 10c., Valley basis. Most mills are sold far ahead against seed stocks. Owing to a lower New York market for refined oil this week, buyers reduced bids to 9⅞c. Meal holding steady at $34 per ton for 41 percent, Memphis basis. Bulk slab cake, $31.50 per ton at Valley points, some sales being reported on this basis. Ginning about completed in this territory. Weather continues fair and cool.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	December 17.	December 28.
December	$33.75@—	$33.60@34.25
January	33.85@—	32.90@33.25
March	32.85@—	32.50@32.85
May	32.00@—	32.00@32.75
July	31.75@32.50	31.75@—

Animal Oils

Degras.—The market continued to be characterized by a firm tone, quotations on all grades being well maintained with offerings light on spot. There was a fairly active demand, though consumers did not show much disposition to anticipate.

Lard.—Quotations were advanced $1 per 100 pounds by makers and the tone of the market appeared to be firm at the rise. Business lacked snap, as usual at this period of the year, but there was a fair demand for moderate lots for prompt shipment.

Neatsfoot.—The market was stronger, quotations being advanced 50c. to $1 per 100 pounds by producers. There was a fair inquiry from local and other consumers.

Oleo.—The situation continued to be featured by a strong tone. Quotations were advanced 50c. per 100 pounds by sellers, with demand reported as fairly active.

Tallow.—The market was quiet but firmer. Quotations were advanced $1 per 100 pounds.

Markets at Other Centers

Chicago, Dec. 24.—The animal oils are strong in the market here at this time. Varying amounts have been ordered out recently, but always with an eye to normal year-end inventory policy. Sellers report there is little in the way of feature of new developments, but buyers appear to be keeping in close touch with market conditions. The animal oils are reflecting strength in basic materials.

LARD.—No. 1, 11c. to 11¼c. per pound; No. 2, 10¾c. to 11c.

OLEO.—No. 2, 12½c. per pound.

TALLOW.—Acidless, 9¾c. to 10c. per pound; 11¼c. to 11½c., drums, less than car lots.

Fish Oils

Menhaden.—There were no new developments in the way of price changes on refined oil, the market being firm at the recent advance. There was a fairly active demand and the movement into consuming channels appeared to be somewhat larger than usual at this period of the year. Supplies of crude oil are small and the primary market was quiet with quotations nominal.

Sardine.—Selling schedules for refined oil were maintained at recently advanced levels, the tone of the market being firm. There was a fair demand, though consumers showed little disposition to purchase in advance of actual needs.

Sperm.—The market for refined oil was firmer, quotations being advanced two-tenths of a cent per pound by local interests. Demand apparently held up well.

Whale.—Refined oil remained in a firm position, though prices were without further quotable change. There was a fair demand for moderate quantities.

Markets at Other Centers

Chicago, Dec. 24.—The underlying trend of the fish oils market continued toward strength. Trade is in limited volume at this time. Buyers are cautious about taking more than quite moderate amounts of material. West Coast advices are reported to indicate strength quite conclusively. Other products are holding their own in most cases.

MENHADEN.—East Coast, 34c. to 35c. per gallon.

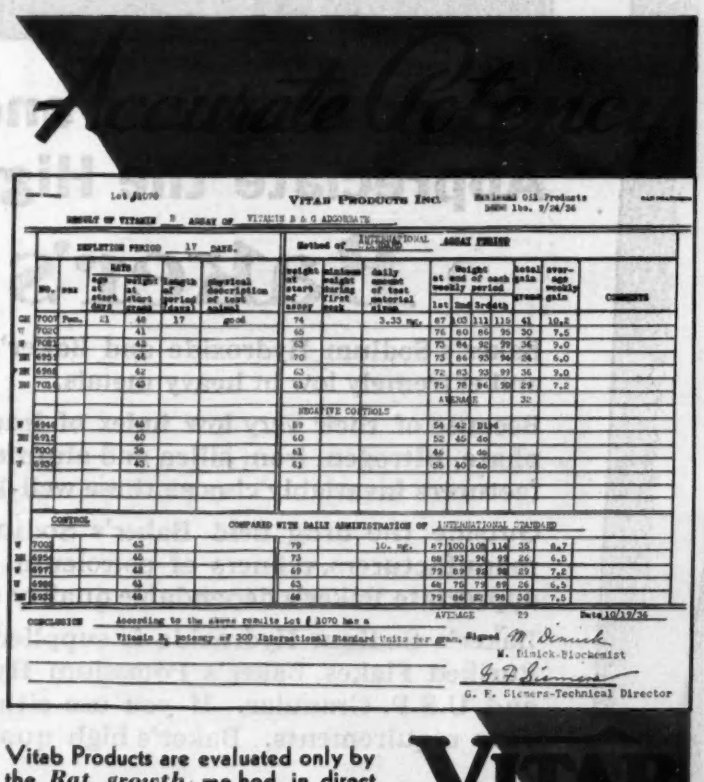
SARDINE.—Pacific Coast, 40c. to 42c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 36c. to 38c. per gallon, largely nominal.

Baltimore, Dec. 23.—The past week was again without trading in menhaden fish oil, with the holders of whatever supplies may not have been disposed of by this time evidently willing to mark time and wait for some buyer to meet their ideas as to values. The supply of oil still in first hands is very small, being perhaps lower than in any previous season for years, and the holders are not under any pressure to sell. They had a good season during the last summer and fall and are in the position to being able to carry over any stocks that have not been taken up. The big consumer buyers, like the soapers, appear to be out of the market, having purchased whatever oil was to be had at their price level, and now reaching out for any substitutes that may be obtainable. The smaller buyers are inclined to pay more, but the ideas of the fishing companies have gone up to a degree that causes something of a deadlock. Neither one side nor the other is disposed to name actual figures, though it appears to be the general belief that the sellers would take 35 cents per gallon, a price which may prove acceptable only to the refiners, whose requirements are of a special character and who are able to find avenues of distribution that warrant them in meeting the higher range.

(Continued on page 57)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7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Baker's Sodium Hydroxide and Baker's Potassium Hydroxide are always pure white and extremely low in heavy metals.

Because of their very low index of impurity items, such as chloride, sulphate, phosphate, nitrogen, iron, silica and aluminum, leading pharmaceutical and drug manufacturers invariably choose these well-known Baker Chemicals.

Outside the drug field Baker's Sodium Hydroxide also has a fine following. Ink manufacturers, refiners of petroleum, vegetable oils and numerous other industries appreciate Baker's dependable quality standards.

Baker's Sodium Hydroxide is supplied in C.P. Sticks, U.S.P. Sticks, C. P. Pellets and Purified Flakes, Baker's Potassium Hydroxide, C.P. Sticks, U.S.P. Sticks, C.P. Pellets and U.S.P. Granular. If you use either of these chemicals let Baker quote you on your requirements. Baker's high quality standards are offered at no price premium.

J. T. BAKER CHEMICAL CO.

Phillipsburg, New Jersey

New York
420 Lexington Avenue

Philadelphia
220 South 16th Street

Chicago
624 South Michigan Blvd.

Acid Carbolic USP (Loose Crystals)
Acid Carbolic USP Fused Crystal
Acid Citric USP Crystal, Granular or Powder
Acid Salicylic USP Crystal and Powder
Ammonium Bromide USP Granular
Bismuth Metal C.P. Lump 99.8%
Bismuth Metal C.P. Granular 99.8%
Bismuth Nitrate C.P. Crystal and Purif. Crystal
Bismuth Subcarbonate USP Powder
Bismuth Subgallate USP Powder
Bismuth Subnitrate USP Light Powder
Iodine USP Resublimed
Lead Acetate USP Crystal and Powder
Lead Acetate Tech. Crystal
Lead Acetate C.P. Basic Dry Powder
Magnesium Oxide USP Light Powder
Potassium Bitartrate USP Pow.(Cream of Tartar)
Potassium Bromide USP Cryst., Gran. or Powder
Potassium Hydroxide USP Sticks
Potassium Iodide USP Cryst., Gran. or Powder
Silver Nitrate USP Crystal
Silver Bromide USP Granular
Sodium Bromide USP Powdered
Sodium Hydroxide USP Sticks (Caustic Soda)
Sodium Potassium Tartrate USP Cryst. or Powd.
SodiumSalicylate USP

MANUFACTURERS OF

"Baker's Analyzed"

C. P. CHEMICALS AND ACIDS

Drugs, Fine Chemicals

Numerous Solvents Reduced—USP Lactic Acid Lower—Menthol Fairly Steady — Quicksilver Still Strong as End of Italian-Spanish Pact Is Alleged Again

The market for drugs and pharmaceutical chemicals was very slow during the period under review. As usual, the holiday season had a very dulling effect upon the market, and such orders as were received were mostly for small-sized lots. Prices were mainly steady and the featured changes during the week included advances in butyl alcohol and butyl acetate, ethylmethyl ketone, secondary hexyl alcohol and secondary hexyl acetate. Lactic acid prices were advanced substantially and methylbutyl ketone was also higher in price. Producers of isopropyl alcohol also quoted higher prices.

Acid, Acetylsalicylic.—The market held firm in all respects and the general situation was considered to be one of stability as the business year drew toward a close. Naturally, spot demand was moderate, but a good interest was shown in goods for invoicing after the turn of the year.

Acid, Citric.—The best consuming season of the year lies ahead. At the moment, demand was down to its yearly low but the producers looked forward to a lively anticipation of requirements in the Spring and Summer months. Prices were steady.

Acid, Lactic.—U.S.P. acid was down slightly to 42c. to 45c. per pound for the X revision, and to 40c. to 43c. for the VIII. Furthermore, indications were that eventually there will be no difference in quotations on these two materials, plans to that end being in the works now.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Butyl alcohol, secondary, ½c. per lb.
Butyl acetate, secondary, ½c. per lb.
Ethylmethyl ketone, ½c. per lb.
Hexyl alcohol, secondary, 2½c. per lb.
Hexyl acetate, secondary, 2½c. per b.
Isopropyl alcohol, refined, 91%, 5c. per gal.
refined, 98%, 10c. per gal.
Lactic acid, USP, 3c. per lb.
Methylbutyl ketone, ½c. per lb.
Silver bullion, N. Y., ¼c. per oz.
London, 1/16 pence per oz.
nitrate, ¼c. per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
180.6	180.6	180.1	186.3

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Tartaric.—A market of steady undertones prevailed at prices recently established on the spot. Business was routine but prospects favored larger buying after the beginning of the new year released consumers from the restrictions of the inventory period.

Agar Agar.—The market had a strong tone even though immediate demand was small. Importers declared that expansion of demand would come after the turn of the year and the position of the item was so strong as to make probable further advances in prices.

Alcohol, Denatured.—Trade slowed up naturally as the end of the year came nearer and on the whole conditions in this market were very quiet throughout the past week. Fundamentally, the market was considered to be in satisfactory position. Higher prices now in effect were expected to have a tonic effect on the industry and, given normal demand with the turn of the year, the industry should work steadily into improved position. Undertones were very steady last week.

Amyl Alcohol, Secondary.—Prices to prevail as of January 1 and forward were confirmed as follows:—Tanks, 8½c. per pound; drums, car lots, 9½c.; less than car lots, 10c. The prices are net 10th proximo and are freight paid east of the Rocky Mountains. They also include the cost of the drum, which is not returnable.

Bismuth Metal and Salts.—The firm position of the market was an important feature in this group. Metal was well held in quantities not indicative of any surplus stocks. Movement into consumption after January 1 was expected to return to normal and with consumption of salts also normal a firm outlook for the future seemed to be assured.

Brucine.—The market has been stabilized for some time past and during the the past week it was clear that there was little chance for unsettlement to develop in the nearby future. Demand was naturally strictly within jobbing limits.

Butyl Alcohol, Secondary.—Lower quotations will become effective January 1, as follows:—Tanks, 7c. per pound; drums, car lots, 8c.; less than car lots, 8½c. These prices are net 10th proximo, freight prepaid east of the Rock Mountains and include the cost of drums, which are not returnable.

Caffeine.—Excellent outlook for booking contracts was said to prevail in the market for this item. Also indications favored continued consumption of citrated material in quantities fully up to seasonal expectations. The market was very firm.

Camphor.—Immediate demand was light but fair prospects prevailed for the coming year. Prices seemed to be generally steady and no unusual amount of competition prevailed locally. Stocks were said to be in excellent condition, being ample to cover all probable requirements for some time to come.

Castor Oil.—The market was quiet but it had a steady tone that forecast a firm market for the new year. Indications were that a substantial increase in volume was likely to develop and hence all sellers were firm in their price views.

Chloroform.—Technical users were said to be showing considerable interest in deliveries to be made early in the next year. The market was declared to be firm to steady with prices being well held in all quarters.

Corrosive Sublimate.—Movement was well up to normal. The continued strength of raw material was reason enough for the firmly held prices on this market. The outlook was for a firm market after the turn of the year.

Creosote.—Even though the end of the year period was at hand, demand continued to be well up to normal and the outlook was for excellent sales in the future. Undertones in the market were steady to firm and prices seemed to be well stabilized.

Epsom Salt.—Fair business has been booked for delivery early in the coming year and the outlook was for an active market for the immediate future. The new schedule of prices has released a substantial consuming interest and the market was in very firm position.

Ethylmethyl Ketone.—Effective January 1, prices will be lower as follows:—Tanks, 6c. per pound; drums, car lots, 7c.; less than car lots, 7½c. This revision was in keeping with the position of competing material. The prices are net 10th proximo, are on a freight prepaid basis east of the Rocky Mountains, and include the cost of non-returnable drums.

Ethylbutyl Ketone.—Quotations in tanks will be 10½c. per pound, effective January 1. Car lots in drums will be priced at 11½c., and the less than car lot drum price will be 12c. These lower prices conform to the situation prevailing in competing material. The prices are net 10th proximo, are on a freight prepaid basis east of the Rocky Mountains, and include the cost of non-returnable drums.

Glycerin.—A strong market continued to prevail. Raw materials from which comes crude glycerin were strong in tone and advancing in price. The outlook was for a continuation of the present undersupply of chemically pure material after the turn of the year and refiners were unable to point definitely to the time when their reserves will be sufficient to return the market generally to a normal position as to supply. Caution in accepting orders for later delivery was being exercised in all directions.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.
PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

JAPAN WAX
Industrial and Fine
CHEMICALS
Since 1918 we have been serving many of the largest producers and consumers here and abroad with a service that has gained their
CONFIDENCE
H. H. ROSENTHAL CO., Inc.
AShland 4-7500 New York City 25 East 26th Street

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS — POWDER — GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

CHICAGO, Dec. 23.—The market for c.p. glycerin, and for other grades of glycerin, is quite steady as year-end approaches, with transactions showing little basic change. Interest on the part of the trade holds up well. Inquiries are reported fairly active. Ruling prices are:—C.p., drums, car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 22½c. to 24½c., according to quantity; dynamite, car lots, 21½c.

Hexyl Alcohol, Secondary.—Effective January 1, a lower schedule of prices will go into effect as follows:—Tanks, 9c. per pound; drums, car lots, 10c.; less than car lots, 10½c. The prices are net 10th proximo, are on a freight paid basis east of the Rocky Mountains, and include the cost of drums, which are not returnable.

Hexyl Acetate, Secondary.—Competitive conditions have resulted in producers establishing lower prices to become effective January 1. The new schedule will be as follows:—Tanks, 9c. per pound; drums, car lots, 10c.; less than car lots, 10½c. The prices are net 10th proximo, are freight prepaid east of the Rocky Mountains, and include the cost of non-returnable drums.

Isopropyl Acetate.—Prices to prevail for January and forward were confirmed as follows:—Tanks, 6½c. per pound; drums, car lots, 7½c; less than car lots, 8c. The prices are net 10th proximo, are freight prepaid east of the Rocky Mountains, and include the cost of non-returnable drums.

Isopropyl Alcohol.—As of January 1 next, lower quotations as follows will become effective:—Technical, 91 percent, tanks, 35c. per gallon; drums, car lots, 45c.; less than car lots, 50c.; 98 percent, tanks, 45c.; drums, car lots, 55c.; less than car lots, 60c.; refined; 91 percent, tanks, 40c.; drums, car lots, 50c.; less than car lots, 55c.; 98 percent, tanks, 50c.; drums, car lots, 60c.; less than car lots, 65c. The prices are quoted net thirty days and are f.o.b. points of destination east of the Mississippi river crossing and include the cost of drums, which are not returnable.

Quicksilver.—Talk of somewhat lower prices was heard but stocks were so low that should a demand for anything like an important quantity of metal develop, buyers would find the market far removed from any tendency to shade prices. According to a dispatch to the United Press, under a London date line of December 22, the loyalist government in Spain has denounced the Spanish-Italian quicksilver cartel pact, which is due to expire December 31, it was learned authoritatively today, indicating the Government will not renew the pact. It was learned negotiations were under way with a London agency to handle the output of the Almaden quicksilver mines, which still are under control of the loyalist government. In November loyalist ships landed 3,837 bottles of quicksilver at London despite the rebel blockade. The shipments surprised market circles and temporarily halted a sharp upswing in quicksilver prices which had been based upon fears that Spanish producing sources would not be available because of the civil war.

SAN FRANCISCO, Dec. 21.—This market revealed nothing new in quicksilver last week. Conditions remained quiet here, owing to the shipping strike and considerable metal appeared to be confined to storage. Production is dwindling, owing to the winter months. Further rains will cause an additional recession, it is said.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	33	45⅛	21⅜
Monday	33	45⅛	21⅜
Tuesday	33	45	21⅛
Wednesday	32¾	44⅞	20⅞
Thursday	32¾	45	21⅛
*Friday	..	..	..

* Holiday.

Calvert Drug Company Re-elects

The Calvert Drug Company, cooperative wholesaler, Baltimore, at its annual meeting, December 10, re-elected all of the officers, as follows:—President, William E. Brown; general manager, Albert E. James; vice-president, Charles L. Meyer; secretary, William Dorman; treasurer, Samuel Y. Harris. New members of the board of directors are:—Charles L. Meyer, Charles Morgan, and Reginald Morrison.

Huisking Engages Roane

Robert H. Roane has been engaged by Charles L. Huisking & Co. and the Conti Products Corporation as manager of their Chicago office in succession to the late George P. Huisking. Mr. Roane has been connected in recent years with A. C. Drury, Chicago, and is well known to the trade in that city.

Patman Act Complaint Hits Charles of Ritz

(Continued from page 3)

respondent corporations, the complaint charges, discriminate between different purchasers by paying certain sums of money in consideration for advertising services or facilities furnished by such purchasers, without making advertising allowances available on proportionately equal terms to certain other purchasers competing in the sale of the same merchandise.

In alleged violation of section 2 (e) of the same act, the respondent corporations are said to favor certain purchasers by furnishing them with the services of sales persons to demonstrate and sell the respondents' commodities, and by paying their salaries, in whole or in part, without similarly according the services of paid demonstrators to other purchasers on proportionately equal terms.

Other practices alleged in the complaint and held to be in violation of section 5 of the Federal Trade Commission act are the furnishing of demonstrators and the payment of "push money" to clerks, either directly or indirectly, as an inducement to stress the merits of the respondent corporations' products in disregard of the merits of competing goods. These practices, according to the complaint, have the capacity to suppress competition in the sale of cosmetics and toilet preparations and to divert trade unfairly to the respondents from competitors, as well as from those retail customers of the respondents or other sellers and distributors who do not receive the benefits of the respondents' alleged practices.

The respondent corporations are allowed twenty days from service of the complaint in which to file answer to the allegations contained therein.

Wells & Richardson Salesmen To Fly to Annual Convention

Sales representatives of the Wells & Richardson Company, manufacturer of Diamond tints and dyes, Burlington, Vt., will use the air lines to transport them to New York for the company's annual sales convention to be held in the Hotel Lexington, January 4 and 5, according to James Negley Cooke, general manager for the company, who explains that air transportation makes the sales conference possible without appreciable loss of time in the field. The company is a division of Sterling Products (Incorporated).

The sales meetings will be attended by thirty salesmen and the following officials of the Wells & Richardson Company:—Harold L. Jones, sales manager; A. H. Cline, assistant manager; F. E. Sears, textile chemist; G. H. Kendall, factory superintendent, and W. L. Mimeau, traffic manager.

Mr. Cooke will preside at the conference which will close with a banquet the evening of January 5. Among the guests at the banquet will be Dr. W. E. Weiss, chairman of the board of Sterling Products (Incorporated); A. H. Diebold, president of that company; and the heads of other Sterling affiliate companies.

Alcohol tax bill in the Alabama legislature has been amended so as to exempt alcohol intended for use, or used for scientific, chemical, mechanical, industrial, or medicinal purposes.

CAMPHOR U.S.P.
SYNTHETIC
Available For The First Time IN ALL FORMS
POWDER 1 oz. TABLETS
2½ lb. SLABS ½ oz. TABLETS
Prompt Shipment From New York Stock
Write For Samples and Prices To
SHERKA CHEMICAL COMPANY, Inc.
BLOOMFIELD, NEW JERSEY—Importers
or
GEORGE UHE COMPANY
80 EIGHTH AVENUE, NEW YORK—Distributors

PRIVATE FORMULA WORK
SAVE COSTS
See our set-up, equipment and splendid facilities for handling any part or all of your manufacturing. Compare our quotation with your present costs. Conveniently established in the Metropolitan District. A preliminary consultation places you under no obligation.
Also Headquarters for Drugs, Chemicals, Essential Oils and Allied Products
ERHMANN-STRAUSS CO., Inc.
202 W. Houston Street, New York
IF IT'S A DRUG · WE HAVE IT

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
205 E. 42nd St., New York, N. Y.

LACTATES
Ammonium Calcium
Iron Sodium
LACTIC ACID
All Strengths and Grades
Including 85 U. S. P.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
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Factory Elizabethport, N. J.

BORAX
Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
AND BORIC ACID
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"TRONA" MURIATE OF POTASH
TRONA Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Blair Stresses Social Duty In Talk to Centaur Salesmen

Advancing approval of recent social security legislation as a fair and necessary step toward meeting social responsibilities of government and business, Frank A. Blair, president of the Proprietary Association and vice-president of the Centaur Company, addressed a three-day national convention of salesmen of the Centaur Company which began December 14 in the Hotel New Yorker, this city.

Reducing the social problem to its earliest form when this country was being established and bringing it up to the present day showing the trend of social thought and needs, Mr. Blair pointed out the liabilities which have devolved upon the leaders of the country. He said:—

We must overcome our liabilities, increasingly great though they have become. We are conscious that we are not merely making the path easier for many individuals; but, in so doing we are making it easier for ourselves as a government and as business men. We can't shirk our responsibilities. The liabilities must be met, and by adapting ourselves to and co-operating with the new system, we will be laying by our assets which will enable us to meet our debts to those who must and will be cared for. We will have the "rainy day" fund and with a minimum amount of exigent hardship. More than that, we are securing ourselves against further and more stringent social laws which will come if we are not far-thinking enough to keep ahead of the trend of thought and action.

The annual convention of salesmen from every district in the United States and Canada is held to bring all representatives of the Centaur Company, maker of Fletcher's castoria and Z.B.T. olive oil baby powder, into a closer comprehension of business problems and to discuss advertising plans for the coming year. The meeting was held under the direction of Harold B. Thomas, vice-president in charge of sales. Among those who gave talks to the Centaur salesmen was Hugh Craig, managing editor of the OIL, PAINT AND DRUG REPORTER, who developed the theme that the way for a salesman to build up his business with a retailer is to help the latter to increase his business as a whole.

Chewing Gum Output: 1935

Preliminary figures of the census of manufactures of the Bureau of the Census show that the total value of chewing gum made in the United States in 1935 was $45,470,448 compared with $39,501,766 for 1933, the last previous census year. There were 26 establishments reporting in 1935, against 31 in 1933 and 37 in 1929. The number of wage earners totaled 2,315 for 1935; 2,252 for 1933, and 2,265 for 1929, with wages of $2,416,923 for 1935; $2,231,693 for 1933, and $2,732,946 in 1929. Materials, containers, fuel and purchased power cost $14,985,333 in 1935, compared with $12,599,010 in 1931, and $23,231,172 in 1929.

Milk powder, whole and skimmed, specifications have been revised by the Treasury Department procurement division and given the index designation, C-M-351a.

Aconite data, compiled by the American Pharmaceutical Association, will be published as a monograph if the association can be assured of sufficient orders at $2 a copy.

Phila. Pharmacy College Makes Faculty Changes

The Philadelphia College of Pharmacy and Science has announced the following changes in the faculty, recently approved by its board of trustees:

Dr. Charles H. LaWall, long dean of pharmacy, and former professor of theory and practice of pharmacy, has been appointed professor of pharmacy. He retains his executive position as dean of pharmacy. Dr. Ivor Griffith, who has been associate professor of pharmacy, has been appointed assistant dean of pharmacy and assumes the position of professor of theory and practice of pharmacy. Professor Frank X. Moerck, who for over 50 years was a member of the teaching staff of the Philadelphia College, becomes emeritus director of the chemical laboratories. Dr. Arthur Osol has been appointed director of the chemical laboratories.

In the department of pharmacy, Dr. Adley B. Nichols has been advanced to the position of associate professor of pharmacy and Dr. John N. McDonnell and Linwood F. Tice, assistant professors of pharmacy. Dr. Joseph W. E. Harrisson has advanced to the position of assistant director of biological assaying.

Crown Drug Company Elects

The Crown Drug Company, Kansas City, Mo., reports the election of the following officers:—President and treasurer, T. L. Evans; vice-president, C. C. Payne; secretary and assistant treasurer, J. J. McKenna; assistant secretary, J. Dora. Directors elected are Mr. Evans, Mr. Payne, J. Gates Williams, Byron T. Shutz, C. N. Seidlitz, and C. E. Lombardi.

Holiday Mementoes Received

Mementoes of the holiday season have been received by the OIL, PAINT AND DRUG REPORTER from the following:—

Anchor Cap & Closure Corporation, Long Island City, and Capstair Glass Company, Connellsville, Pa.—Wall calendar for 1937, all the months on one sheet.

Baird & McGuire, Inc., Holbrook, Mass.—Bronze paper cutter and measure, with a card of friendly greetings.

Beck, Koller & Co., Detroit.—An intricately folded decorative poster conveying the greetings of "All of Us."

Dobbs Company, Ligonier, Pa.—Card of greetings depicting Minor Ewing in the role of an intrepid navigator.

Eaton-Clark Company, Detroit.—Etching of the old American hotel block in which the company had its birth in 1838.

Faesy & Besthoff, Inc., New York.—A folded card extending greetings of the season.

Wm. H. Floyd & Co., Los Angeles.—Wall calendar, showing current month with the phases of the moon, and the preceding and following month.

B. F. Goodrich Rubber Company, by R. E. Powers, Akron.—A large folding card, done in silver, green and red, Extending the greetings of the season.

Baird H. Markham, New York.—Ballot of the "Institute of Private Opinion" with a vote against gasoline taxes and for Merry Christmas and Happy New Year.

Monsanto Chemical Company, St. Louis.—Appropriately decorated Christmas number of "Monsanto Current Events."

Palmer-Schuster Company, Cleveland.—Card of best wishes for the season.

Philadelphia Quartz Company, Philadelphia.—Letter of hearty greetings and good wishes, on a holiday letterhead, signed by Thomas W. Elkinton, president.

S. Schwabacher & Co., New York.—A hand-mirror and card extending the compliments of the season.

Solvay Sales Corporation, New York.—Calendar pad for 1937, 1938, and 1939—three months showing on each page—to go in the Solvay metal hanger which has been doing duty since 1927.

Wilson & Bennett Manufacturing Company, Chicago.—Wall calendar, three months at a glance—from December, 1936, to January, 1938.

Wishnick-Tumpeer, Inc., New York.—Good cheer and second birthday number of "Witcombings."

Grease and Tallow Output

Producers of grease and tallow in the United States in 1935 reported for 1935 an output valued at $45,207,296, representing an increases of 72.3 percent compared with 1933, the last preceding statistical year, according to a preliminaary report of the Bureau of the Census taken in the biennial census of manufactures year. In 1935 there were 260 establishments in operation compared with 201 in 1933. Grease products totaled $10,343,638 for 1935; tallow, $16,721,470, and all other products, $18,142,188.

Toilet preparation exports from the United States in October had a total value of $494,093. Toothpastes led the list with $131,446 worth; talcum powders, valued at $55,312, were second.

DOW CHLOROFORM, U. S. P.

It may be the quieting of a wracking cough—the alleviation of gnawing pain—or one of those rarer instances where it must be called upon as an anaesthetic. Whatever the use, there is an individual sufferer placing his trust, unknowingly, in Dow Chloroform, U.S.P.

This human aspect is a guiding force with Dow—not alone in the production of so vital a substance as Dow Chloroform, U.S.P., but behind all its pharmaceutical chemicals.

It matters not that Dow, as the primary source, is never called upon to know the individual druggist who sells the product or compounds the prescription. Never meets the physician who prescribes for the case. Remains absolutely unknown to the individual patient. These circumstances in no wise lessen the impact of responsibility Dow feels and meets.

Thus, Dow Chloroform, U.S.P. is produced to the highest degree of purity. It may be employed for any purpose calling for chloroform. It is a Dow product in every sense of the word.

DOW

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN
Branch Sales Offices: 30 Rockefeller Plaza, New York City
Second and Madison Streets, St. Louis
135 South La Salle Street, Chicago

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-fifty-sixth Instalment

Lacquers

(Continued from December 21 issue)

Ingredients Used in Manufacture of Lacquers

Acetylcellulose
Allylcellulose with cobalt oleate
Allylcellulose with drier
Amberol
Aryldisulphonamide-formaldehyde resin
Arylmonosulphonamide-formaldehyde resin
Arylsulphonamide-formaldehyde resin
Arylsulphonanilide-formaldehyde resin
Asbestos
Balata gum
Balsams
Barium hydroxide
Beeswax
Benzene
Benzenetrisulphonamide-formaldehyde resin
Benzin
Benzoic acid
Benzoic acid anhydride
Benzoyl peroxide
Benzoylurea
Benzylcellulose (basic material said to be superior in resistance to heat, alkalies, acids, and light)
Benzylmethylurea
Bishydroxymethylurea, symmetrical
Bituminous materials
British gum
Butyl acetate
Butyl alcohol
Camphor
Caoutchouc
Carbon tetrachloride
Casein
Castor oil
Castor oil, sulphonated
Cellulose acetate
Cellulose acetobutyrate
Cellulose acetonitrate
Cellulose acetosulphate
Cellulose benzoate
Cellulose butyrate
Cellulose derivatives
Cellulose esters
Cellulose ethers
Cellulose formate
Cellulose nitrate
Chlorinated biphenyl resins
Chlorobenzene
Chloroform
Chloronaphthalene
1-Chlor-2-propanol
Coaltar resins
Congo gum
Copals
Cork
Cresote oil
Crotylcellulose with driers
Crotylcellulose with cobalt oleate
Cuprammonium-cellulose
Cyclohexane
Cyclopentanone
Dammars
Dichlorobenzene
Dichloroethane
Dichloroethane, asymmetrical
Dichloroethylene
Dichloromethane
Diethoxybenzene
1:2-Diethoxybenzene
Dihydroxydiphenyl
Dimethylbenzene
Dinitrobenzene
Dinitronaphthalene
Diphenylamine
Epichlorohydrin
Esters
Esters of natural resin
Ethers
1-Ethoxynaphthalene
2-Ethoxynaphthalene
Ethyl acetate
Ethyl alcohol
Ethyl lactate
Ethylacetanilide
Ethylcellulose
Ethylidene diacetate
Ethylparatoluenesulphonamide, normal
Ethylstarch
Ethyltetrachloroacetanilide
Fats
Fatty acids
Formaldehyde
Fossil resins
Fusel oil
Gas pitch
Gelatin
Gilsonite
Glue
Glycerin
Glycinin
Gums
Gutta-percha
Heptachlor-caoutchouc
Hercose C
Hexamethyleneamine
Hexamethylenetetramine
Hexamethylenetetramine hydrochloride
Hexamethylenetetramine oxalate
Hexamethylenetetramine sulphate
Hexamethylenetetramine tartrate
Hexamethylaminetetraminecresols
Hexamethylenetetramine-triphenol
Indene resins
Kauris
Ketones
Koji gum
Lactic acid esters
Ligroin
Linseed oil
Manila resins
Manol
Mesityl oxide
Metadinitrobenzene
Methanol
1-Methoxynaphthalene
Methyl acetate
Methylacetanilide
Methylacetone
Methylene acetate
Methylenediamine
Methyleneglycol
Naphtha
Naphthalene
Nitrobenzene
Nitrocellulose
Nitronaphthalene
Oils
Oleic acid
Paracoumarone resins
Paraethyltoluenesulphonamide
Paraffin
Paraformaldehyde
Paraplex
Paraindene resins
Parolite pitch
Pentachloroethane
Peracetylated rubber
Perborates
Percarbonates
Petroleum ether
Phenetole
Phenol
Phenol phosphoric acid esters
Phenolformaldehyde
Phenolfurfural
Phenolsulphonamide-formaldehyde resin
Phenyl esters
Phenyl ethers
Phenyl phosphates
Pine resin
Polyhydric alcohol-polybasic acid resins
Pontianac resins
Potassium carbonate
Potassium hydroxide
Potassium silicate
Pumice
Rapeseed oil
Resinous complexes made from—
Citric acid
Diethyleneglycol
Dipropylene glycol
Ethylene
Fumaric acid
Glycerin
Maleic acid
Malic acid
Pentaerythritol
Phthalic acid
Polybasic carboxylic
Polyglycerols
Resinous complexes made from—
Polyhydric alcohols
Propyleneglycols
Succinic acid
Tartaric acid
Ricinelaidic acid
Ricinelaidic acid, anhydrous
Ricinoleic acid
Ricinoleic acid, anhydrous
Rosin
Rosin with castor oil fatty acids
Rosin with fatty acids
Rosin with rapeseed oil fatty acids
Rosin with wood oil fatty acids
Rosin condensations with fatty acids
Rubber
Saligenin
Sandarac resin
Shellac
Silicic acid
Sludge sulphonic acid
Soap
Sodium carbonate
Sodium chloride
Sodium hydroxide
Sodium phosphate
Sodium silicate
Soybean oil
Stearic acid
Stearin
Sucrose octacetate
Sulphonamides
Synthetic resins
Tetrachloroethane
Tetrachloroethylacetoanilide
Tetrachloronaphthalene
Toluene
Tragacanth
Tragasol
Trichloroethane
Trichloroethylene
Tricresyl phosphate
Trioxymethylene
Triphenyl phosphate
Tung oil
Turpentine
Urea
Urea-formaldehyde resins
Vegetable oils
Vinyl acetate
Vinyl bromide
Vinyl chloride
Vinyl chlorides, polymerized
Vinyl chloroacetate
Vinyl esters
Vinyl esters and fatty oils
Vinyl ether of diethyleneglycol monoethylether, polymerized
Vinyl ether of ethyleneglycol monoethylether, polymerized
Vinyl halides
Vinyl polymers
Vinyl resins
Vinylmethyl ether, polymerized
Waxes
White spirits
Woodpulp
Xylene
Zanzibar resins
Zein

Lacquer-Removing Agents

Abrasives
Acetic acid
Acetone oil
Acetylene tetrachloride
Albacol
Alcohol, denatured
Alkali palmitates
Alkali stearates
Alkalies
Allyl alcohol
Alum
Aluminum palmitate
Aluminum resinate
Ammonium acetate
Ammonium caseinate
Ammonium chloride
Ammonium hydroxide
Ammonium oxalate
Amyl acetate
Amyl tartrate
Anilin
Ansol PR

(To be continued)

--GUMS--

Market events of the past six months have created unusual, if not unprecedented, problems for users of TRAGACANTH, GHATTY, LOCUST and KARAYA GUMS.

Our organization has studied closely each factor affecting the market advances in these materials. We will be glad to analyze the situation on any individual Gum and to put our recommendations before users.

Often, our laboratories can suggest a more economical grade or form of the Gum in question, effecting a saving that is most acceptable, in view of present prices.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Drying Oils Consumption In U.S. Makes Big Gains

As a result of the upward trend of production in the domestic paint and varnish and other industries, United States consumption of industrial drying oils has increased rapidly in recent years and particularly during 1936, according to the Tung Oil Blue Book, recently made public by C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce.

Consumption of linseed oil, almost 80 percent of which is used in the manufacture of paints and varnishes, amounted to 229,408,000 pounds during the first three-quarters of the current year, against 216,076,000 in the corresponding period of 1935, and 176,000,000 pounds for the corresponding nine months of 1934, according to reports to the Bureau of the Census.

Industrial consumption of Chinese tung oil in the United States has increased about 70 percent in the past four years and now approximates 127,600,000 pounds annually. Practically all of this oil has been obtained in China with only small quantities coming from tung plantations located in Gulf Coast States. During the current season, however, these plantations are expected to yield nuts sufficient to produce approximately 2,000,000 pounds of oil.

Total industrial consumption of tung oil during the first three-quarters of 1936 was reported at 80,803,700 pounds, compared with 89,000,000 pounds in the first nine months of 1935.

Consumption of Manchurian perilla oil, a relative newcomer to the American industrial field, has increased seven-fold in the past four years, and statistics show that about 65 percent of the total is used in the manufacture of paints and varnishes. Industrial consumption of this oil during the first three-quarters of the current year aggregated 60,000,000 pounds, compared with 27,573,000 pounds for the corresponding months of 1935. During the whole of 1932 only 5,808,000 pounds of perilla oil were consumed in the United States, according to manufacturers reports.

From 1932 to 1935 paint and varnish manufacturers increased consumption of fish oils from 7,565,000 to 28,951,000 pounds; soybean oil from 7,485,000 to 13,003,000 pounds, and castor oil from 1,461,000 to 3,480,000 pounds.

Paint Freights Authorized

The Interstate Commerce Commission has granted authority for establishment of a rate of 53 cents on paint materials, carloads, from Cincinnati, to Baton Rouge and New Orleans, and from St. Louis, East St. Louis, Ill., and Cincinnati, to Mobile, Ala., without observing the long-and-short-haul provision of section 4 of the Interstate Commerce Act.

The basis for the granting of relief was that the rate approved is necessary to meet the competition of barge lines operating on the Mississippi and Ohio rivers from and to the same points. Departures would occur at intermediate points of origin and destination. There was no opposition to the relief sought.

Drug Color Exhibit Planned

An exhibit directed to the correct naming of pharmaceutical colors will be staged by the American Pharmaceutical Association at the annual meeting of the American Association for the Advancement of Science in Atlantic City during the week of December 28. The exhibit will illustrate the unique work being done at the National Bureau of Standards in Washington under a research grant of the A.Ph.A. committee on National Formulary and will be in charge of Dr. Deane B. Judd of the bureau. The purpose of the work is to standardize the color terms used to describe official drugs and pharmaceuticals and to establish simple, easily understood, and usable color names on a scientific basis which will give them legal standing and make them valuable for all types of analytical work. It is also expected that the work will lead to greater uniformity in the color of prepared drugs and medicines and will eliminate to a great extent at least the difficulties resulting from variations in color.

Patino Mines & Enterprises Consolidated stockholders have approved various amendments to the by-laws and certificate of incorporation of the company.

Botanical Drugs, Gums

Subnormal Stocks Bring Broad Price Rise—Winter Collections Stopped by Snow—Downward Trend in Arnica, Buchu, Chamomile, Lycopodium, and Manna—Wahoo Strong

A wave of price advances swept the market for botanical drugs last week, emphasizing the growing scarcity of many items and the continued rise in prices in the numerous replacement markets. The basic forces behind the advances included three years of continuously decreasing crop collections, inability to secure offerings from domestic and primary markets, and the almost total absence of winter collections in the producing areas in this country. Combined with the excellent demand that came from a broad section of the consuming industries in this country and abroad, these forces created a strong market.

News from the collection districts in the Southern mountain states was that deep snow had brought an end to even the small collection activities that had been afoot. Winter collected materials had not been coming into the southern depots in anything like normal volume and snow has now stopped work entirely. The future of winter gathered items seemed destined to be one of substantial strength.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	2,330	5,983
Caraway	5,808	15,625
Cardamom (cases)	150	1,902
Celery	105	8,783
Coriander	3,737	5,370
Cumin	1,506	6,484
Dill	273	547
Fennel	445	1,554
Mustard	...	23,518
Poppy	...	32,003
Sage leaves (bales)	62	1,949
Sesame	171	180,381
Thyme herb (bales)	257	1,157
Totals	15,306	221,138

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, star, ½c. per lb.
Bloodroot, 1c. per lb.
Broomtop, 1c. per lb.
Canary seed, Morocco, ¼c. per lb.
Caraway seed, ¼c. per lb.
Cassia, china, select rolls, ½c. per lb.
broken, extra select, ¼c. per lb.
Cinchona bark, chips, 2c. per lb.
broken quills, 2c. per lb.
Equador, 1c. per lb.
Colombo, root, 1½c. per lb.
Dillseed, recleaned, ¼c. per lb.
Dogwood bark, domestic, 3c. per lb.
Elm bark, powdered, 1c. per lb.
Eucalyptus leaves, 2c. per lb.
Ginger root, Jamaica, bright grinding, ¼c. per lb.
medium bold, 1c. per lb.
African, ½c. per lb.
Gentian root, whole, ½c. per lb.
ground, 1c. per lb.
powdered, 1c. per lb.
Guarana, powdered, 5c. per lb.
Hellebore root, white, powdered, 1c. per lb.
Horehound herb, ½c. per lb.
Ipecac root, powdered, 7c. per lb.
Lovage root, imported, 5c. per lb.
Lupulin, 30c. per lb.
Mace, Siauw, No. 1, 1c. per lb.
Orange peel, sweet, 1½c. per lb.
Pennyroyal herb, 3c. per lb.
Pepper, black, Lampong, ¼c. per lb.
white, Borneo, ½c. per lb.
Java Muntok, ¼c. per lb.
Singapore Muntok, ½c. per lb.
Poppy seed, Dutch, ½c. per lb.
Poliah, ½c. per lb.
Pulsatilla herb, 3c. per lb.
Sabadilla seed, powdered, 1c. per lb.
Savory, ½c. per lb.
Senna siftings, 1c. per lb.
Serpentaria root, 15c. per lb.
Skullcap herb, eastern, 3c. per lb.
western, 4c. per lb.
Skunk cabbage root, 1c. per lb.
Squaw vine leaves, 1c. per lb.
Tamarinds, W. I., ½c. per lb.
kegs, $1 per keg.
Tragacanth gum, No. 1, 15c. per lb.
No. 2, 15c. per lb.
No. 3, 15c. per lb.
No. 4, 15c. per lb.
No. 5, 15c. per lb.
Wahoo, root bark, 10c. per lb.
tree bark, 2c. per lb.
Wild cherry bark, thin natural, ½c. per lb.
rossed, thin green, ½c. per lb.
Wormseed, American, 1c. per lb.

Reduced

Arnica flowers, 2c. per lb.
Buchu leaves, 3c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
Chamomile flowers, Hungarian, 1c. per lb.
Lavender flowers, select, 3c. per lb.
Lycopodium, 5c. per lb.
Manna flake, large, 2c. per lb.
small, 1c. per lb.
Nutmegs, 110's, 1c. per lb.
Nux vomica, powdered, 1c. per lb.
Senna, T. V., No. 2, ½c. per lb.
Sunflower seed, California, large, ¼c. per lb.
medium, ½c. per lb.
Sandarac gum, 3c. per lb.
Thyme, French, 1¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
114.8	115.0	110.1	103.9

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—A fairly substantial quantity of this balsam reached here during the previous trading period and for the most part the upward drive of prices appeared to be checked. However, much of the arrival had been sold into consumption and hence the unsold balance in the hands of importers was not exceptionally large.

Fir.—Oregon balsam was hard to get but the immediate demand for the same was not very active and hence the market lacked new change in price. The undertone continued to be strong, however.

Barks

Barberry.—Root bark was higher at 16c. to 17c. per pound and tree bark was firmer though lacking in change. Replacements were up.

Black Haw.—Considering the time of the year, a better than usual amount of interest was displayed in this item and the general position of the article continued to be one of substantial strength. The tendency of prices was upward.

Cinchona.—Detentions of some arrivals of this item have led to a reduction in stocks on the spot. The result last week was a higher market at 18c. to 20c. per pound for Equador bark, and 20c. to 22c. per pound on broken, and chipped material. Quill held firm.

Dogwood.—Domestic material was higher at 7c. to 8c. per pound and the Jamaican article was firm, but lacking in change. Not much domestic material was gathered this year because of low prices.

Elm.—Undersupply of this article was certain to be the fundamental basis on which trading during the balance of the consuming year would take place. Select bark was in very low supply and most dealers in the primary market were unable to offer any. Prices on powder were higher at 18c. to 20c. per pound.

Orange Peel.—It was almost impossible to get any sweet peel abroad and hence sellers were somewhat reserved in local circles, conserving supplies and advancing prices to the basis of 9½c. to 10c. per pound.

Sassafras.—The outlook for larger demand after the turn of the year was said to be very good and the market as a whole continued to have an exceptionally firm undertone. Stocks of select bark were not excessive neither here nor in the primary market. Prices were very firm.

White Pine.—Manufacturers of white pine compound were steady takers of fairly substantial quantities and signs of good business to come after the beginning of the new year were not lacking. The market as a whole had an exceptionally firm tone.

Wahoo.—The shortage of this article is an old story, and advancing prices have been the rule for some time past. Values were raised further last week, root bark being held at 75c. to 80c. per pound and tree bark at 22c. to 24c.

Wild Cherry.—Thin natural bark tended upward and at the close of last week the market was 6c. to 6½c. per pound. Rossed thin green was also higher in well maintained position at 8½c. to 9c. per pound, and competition was negligible. Demand was said to be very good, considering the time of the year, and excellent movement into consumption was expected to come soon in 1937.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Season's Greetings

Not in the sense of custom only,
but with a genuine appreciation of
our pleasant associations during the past year,
we extend to you our best wishes for an
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and a New Year
of happiness and prosperity

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CRUDE BOTANICAL DRUGS From Forty Nations TRADE MARK

Beans

Vanilla.—While no further rise in prices was reported last week, the market was strong and upward in tendency because of the replacement position of Bourbon beans especially. Mexicans were only a trifle behind the strength noted in the French product. Naturally, demand was light last week, but there was reason to expect a revival of buying interest early in 1937 at which time most dealers expected prices to be advanced further.

Berries

Juniper. — The stronger undertone continued to be uninterrupted and for the most part the tendency of sellers was to advance prices further if the strength noted in the primary market continued to expand and grow in the early weeks of the new year.

Raspberries.—Small stocks and little demand featured the market last week. Any moderate expansion in consuming request would probably force a further rise in quotations. Reserves in the primary market have been about wiped out.

Flowers

Arnica.—Quotations were somewhat lower at 28c. to 30c. per pound under the influence of a more active competition in local circles. However, the foreign market was said to have changed very little.

Chamomile.—Sales were reported in one quarter as low as 20c. per pound under competitive conditions. The range as to seller and quality was said to be to 22c. per pound. Practically all dealers declared the price to be too low, but it was noted that some who were the most vocal regarding that condition were those who competitors declared to be the cause of the low price prevailing.

Lavender.—Demand has been very good this season, and has tended to keep a market of firm undertones prevailing. Slower demand at present brought prices down to 60c. to 75c. per pound as to quality.

Rose.—A fairly good sized and seasonal request for this item was reported to prevail in a market noted for firm undertones and general absence of much in the way of local competition. Replacement costs were firm.

Saffron.—The market was generally steady, but lacking in activity exceeding that of jobbing proportions. Spanish material was not overly well stocked on the spot, but still seemed available in quantities sufficient for current requirements. Mexican material was very firm as quantities offered from the primary market were small.

Gums

Arabic.—A steady market characterized this item last week. Of course, immediate demand was not very large, but there were signs that suggested buying on a larger scale after the turn of the year. Replacement values had a firm tone and the entire situation seemed to be opposed to any movement of values in favor of buyers.

Benzoin.—Small stocks were the rule; most dealers lacked a supply. Prices were strong and stocks were so low as to make them virtually nominal. The situation will be temporary, as there is no scarcity at the source and substantial quantities are coming forward. In the meantime, buyers compelled to buy will have to pay the price asked by whosoever may have some for sale.

Mastic.—None too plentiful stocks were available locally, but lack of demand resulted in prices failing to move in the upward direction to which they have a tendency at this time. Values were very firm.

Olibanum.—Seasonal request has accounted for a steady maintenance of stocks into consumers' hands and that, in turn, accounted for the firm position occupied by prices generally. Stocks were of fair size on the spot.

Tragacanth.—Prices were higher. No. 1 was priced at $2.40 to $2.50 per pound, the tendency being to make $2.50 a minimum figure. Stocks of the No. 1 grade were very small locally and little was to be obtained at the source where control of price and supply was absolute. Quotations on No. 2 were $2 to $2.10; No. 3, $1.95 to $2.05; No. 4, $1.85 to $1.95; No. 5, $1.65 to $1.75. The determination of the primary market to bring about higher prices by control of collection, marketing, and pricing of the item has succeeded admirably.

Herbs and Leaves

Buchu.—The market was lower at 60c. to 61c. per pound and conditions were such as to suggest that orders could be placed for somewhat less. A much more competitive market was noted.

Broomtops.—The supply was none too ample and sales were made at the slightly higher level of 11c. to 12c. per pound last week.

Eucalyptus.—Inability to get goods shipped from the primary market caused local sellers to revalue their holdings upward to the basis of 8c. to 9c. per pound.

Horehound.—Though a substantial arrival reached here recently, not only was the market not affected adversely but the goods came onto a market actually somewhat higher at 7c. to 7½c. per pound.

Pennyroyal. — The primary market continued to be cut off and local stocks have shrunken sufficiently to force revaluation of holdings to the basis of 13c. to 14c. per pound.

Pulsatilla.—Quotations were up to the basis of 18c. to 20c. per pound and a much firmer market was evidence of the stronger situation prevailing at the source of supply.

Senna.—No. 2 T. V. senna was shaded to 7c. to 8c. per pound. Siftings were higher at 10c. to 11c. No other varieties of the article were changed in price. The market was irregular and lacked definite trend as to the future.

Savory.—Better demand was noted and the market was generally stronger and somewhat higher on the basis of 7½c. to 8c. per pound. Stocks were none too ample.

Skullcap.—Prices were advanced again. Eastern material went to the basis of 23c. to 25c. per pound and the Western, to 24c. to 25c. There had been a steady decrease in supply, together with a rising primary market, for some time past.

Thyme.—Recent shipments received from France have been found mixed with Spanish thyme. In some way, Spanish goods got over the French border. One of the largest manufacturers has to use only French material and that has caused a rise in valuations on unmixed material. However, on the open and ordinary market, the range was 9½c. to 10c. per pound.

Miscellaneous

Grain of Paradise.—The market held strong at 20c. to 22c. per pound and small stocks on spot were not subject to easy and prompt replacement. A strong situation prevailed.

Guarana.—Powdered material was advanced to the basis of 70c. to 75c. per pound, holding strong following the rise which was based, mainly, on supply and demand, plus the cost to replace current stocks.

Lupulin.—Medicinal material was advanced to $1.75 to $2 per pound and the best quality of material was none too plentiful considering present demand and probable consuming requirements of the country.

Lycopodium.—Somewhat larger supplies were noted on the spot, though the gain was inconsequential. However, quotations were shaded to 95c. to $1 per pound.

Manna.—Easier and lower foreign market prices were reflected locally when values on large flake were reduced to the basis of 38c. to 40c. per pound, and when small flake became available at 23c. to 25c. Competition was more active.

Nux Vomica.—Powder was shaded under competition to the basis of 6½c. to 7c. per pound. A not very active spot market was noted.

Papain.—The market may improve. According to latest advices, nothing is being offered from the source. However, dealers were disposed to await further developments before taking a step which they all say is needed, that is, to return prices to a profit making basis on spot.

Tamarinds.—Replacements were higher and spot quotations went to 6c. to 6½c. per pound for the West Indian material. Keg packing was charged on the basis of $5 to $5.25 per keg.

Roots

Blood.—Inability to secure normal offerings from the country developed in keeping with a further rise in prices. Spot quotations were moved up to the basis of 14c. to 15c. per pound.

Colombo.—Not a pound can be bought at the source. Spot dealers have revalued their stocks upward, local quotations becoming 12c. to 13c. per pound. Not so long ago, the article was in such oversupply that a lot sent here on consignment was loaded on a boat, making a full cargo, taken to sea, and dumped to save storage charges.

Gentian.—The article has become very scarce and virtually everything reaching this market of late had been sold into consumption long before arrival. Spot quotations were higher at 12c. to 13c. per pound for whole; ground, 14c. to 16c.; powdered, 15c. to 16c.

Hellebore.—White root was noted at 12c. to 13c. per pound and it was held considerably firmer at the slightly higher level in anticipation of continued development of stronger undertones.

Ipecac.—Goods actually on the spot made a very small stock and some quarters wanted upwards of 98c. per pound for whole material. Others quoted 95c. minimum. Also, 95c. per pound was named on February arrivals in other directions. The situation has improved in that the primary market has resumed firm offerings but dealers look for a 95c. market to become firmly established. Powder was quoted at $1.10 to $1.15.

Kava Kava.—This article comes from a Pacific Ocean island, communication with which has been cut off by the marine strike. Some sellers on the spot have advanced their quotations to the basis of 28c. to 30c. per pound.

Lovage.—It costs more to import foreign root and spot quotations at 35c. to 37c. per pound cover a portion of the rise abroad. Demand was narrow.

Serpentaria.—Prices continued to rise sharply because of shortage of stocks in the country and in the primary market. Locally, 95c. to $1 per pound was asked and obtained several times during the past week.

Skunk Cabbage.—Sales were made at the higher level of 15c. to 16c. per pound and undertones were firmer at the close of the trading period. The country stocks were held also more firmly and were none too plentiful.

Seeds

Anise.—Star seed was raised to 11½c. to 12c. per pound. Spanish held unchanged. Demand was mainly on jobbing account.

Canary.—Morocco seed was up a small fraction to 6c. to 6½c. per pound and was in very firm position. Turkish and Argentine seed tended to become firmer.

Caraway.—Sales out of spot stocks were made at 8c. to 8½c. per pound and the market was firmer following the rise which reflected a strengthening of the situation abroad.

Dill.—Spot offerings were taken up more promptly on the higher price basis of 6¾c. to 7¼c. per pound. A very fair business was done.

Poppy.—Dutch seed was up to 7½c. to 8c. per pound and the limited amount of Polish available was revalued at 7¼c. to 7¾c. Poland was reported shipping to Hungary, where a real shortage of stocks exists.

Sabadilla.—Powdered was higher at 22c. to 23c. per pound and sellers looked forward to a continuation of better demand from manufacturing consumers.

Worm.—Stocks of American seed were in moderate supply and 11c. to 12c. per pound seemed to be the market, though special customers might, in one quarter, still receive moderate deliveries at 10c.

Spices

Cassia.—No. 1 Batavia was shaded to 13½c. to 14c. per pound in a dull market. China rolls were slightly higher at 5¼c. to 5¾c. and the select broken was also up to 4c. to 4½c. The situation was somewhat unsettled generally.

Ginger.—African moved back a small fraction, rising to 15¾c. to 16¼c. per pound following the sharp reduction in the previous trading period. Jamaica root was more active and prices on medium bold material were advanced to 14c. to 14½c. per pound, while the bright grinding was up to 13½c. to 14c.

Nutmegs.—Prices on 110's were lower at 16½c. to 17c. per pound, but the quotations on other sizes and varieties of this material lacked change.

Pepper.—Lampong black was higher at 6¾c. to 7¼c. per pound for spot deliveries. White Java Muntok was raised to 11c. to 11½c. per pound and the Singapore Muntok was priced at the same level. Borneo white was raised to 10½c. to 11c. Red peppers lacked change.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Bids Wanted

Acetylene:—135,000 cubic feet; U. S. Engineer Office, Fort Peck, Montana; circular 283, opening December 30.
13,000 cubic feet; U. S. Engineer Office, Boston, Mass.; circular 76, opening December 29.

Activated Carbon:—2,500 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-37, opening January 8.

Alcohol:—648,000 pounds for smokeless powder; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9670, opening January 5.

Amyl Acetate:—28,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9567, opening January 5.

Chlorine, Liquid:—6,000 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Langley Field, Va.; procurement 481-26, opening December 31.
2,100 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-37, opening January 8.

Ester Gum:—130,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9628, opening January 12.

Ferromanganese:—67,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9570, opening January 5.

Fuel Oil:—60,000 barrels; General Purchasing Officer, Panama Canal, Washington; schedule 3214, opening January 13.

Gasoline, Aviation:—20,000 gallons; U. S. Property and Disbursing Agent, State House, Boston, Mass.; procurement 37-8, opening December 30.

Grease, Lubricating:—8,000 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 412, opening January 6.

Grease, Lubricating Cup:—5,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; circular 327, opening December 30.

Glycerin:—1,850 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9636, opening January 12.

Ink, Drawing:—2,344 bottles; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 416, opening January 5.

Mixed Black:—380,000 pounds as required during the fiscal year beginning July 1; Purchasing Agent, Bureau of Engraving and Printing, Washington; class 1, opening April 1.

Oxygen:—23,400 cubic feet; U. S. Engineer Office, Boston, Mass.; circular 76, opening December 29.
375,000 cubic feet; U. S. Engineer Office, Fort Peck, Montana; circular 283, opening December 30.

Petroleum Residuum: — 700,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9620, opening January 12.

Pigment, Dry:—3,000 pounds; U. S. Engineer Office, Jacksonville, Fla.; circular 170, opening December 29.

Resin, Synthetic Phenol Formaldehyde type:—6,900 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9643, opening January 8.

Shaving Cream:—128,500 tubes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-123, opening January 12.

Silver Nitrate:—1,630 ounces; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9618, opening January 12.

Soap, Green:—5,000 pounds; Procurement Division, Veterans Administration, Washington; procurement 388, opening December 31.

Soap, Saddle:—3,000 pounds; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 503-110, opening January 5.

Soap, White Castile:—2,000 pounds; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 503-110, opening January 5.

Spices and Flavorings: — Supplies of; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-87, opening January 5.

Stove Polish:—2,800 cakes; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-110, opening January 5.

Sulphate of Alumina:—25,000 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-37, opening January 8.

Toilet Soap:—128,500 cakes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-123, opening January 12.

Tooth Paste:—128,500 tubes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-123, opening January 12.

Tung Oil:—150,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9615, opening January 12.

Contracts Awarded

Aircraft Engine Fuel:—40,000 gallons; award to General Petroleum Corporation, at 13.5 cents a gallon.
1,604,000 gallons; award to Humble Oil & Refining Company, at from 8.31 cents to 19.5 cents a gallon.
714,000 gallons; award to Shell Oil Company, San Francisco, at from 13.75 cents to 25.5 cents a gallon.
63,000 gallons; award to Utah Oil & Refining Company, at 13.32 cents a gallon.
388,000 gallons; award to Standard Oil Company of California, at from 14.5 cents to 18.5 cents a gallon.
798,000 gallons; award to Union Oil Company of California, at from 11.75 cents to 13.75 cents a gallon.
681,000 gallons; award to Standard Oil Company of Ohio, at from 8.9 cents to 13.37 cents a gallon.
696,000 gallons; award to Standard Oil Company of Kentucky, at from 8.625 cents to 14.1 cents a gallon.

Standard Drug Import Contract

The American Drug Import Agents' Association, this city, has adopted a standard import contract. The document sets forth terms and conditions of trade under captions as follows: Disputes; quantity; shipment; weights; tares; import regulations; quality; default of seller; default of buyer; force majeure; government regulations; and modifications. The organization is comprised of the local companies and individuals acting in this country as representatives of foreign merchants shipping drug merchandise, principally crude drugs, to this city.

Essential Oils, Aromatic Chemicals

Bright Outlook Pervades the Future of the Market—Prospect Favors Rising Values and Broader Trade in New Year —Leading Items Show Real Strength

Considering the strength of the market as a whole, it was difficult to realize that essential oil and aromatic trading for this year was drawing near to an end. While inventory considerations have served to reduce total volume of business, it was still sufficiently large last week to exceed sales records for the past several years. All indications pointed to a probable extension of rising prices when business along broader lines shall be resumed with the turn of the year.

The past year in this market has been one of substantial trade recovery. Those in a position to give a considered opinion said that sales have exceeded by a substantial margin the records of the recent past; one house said last week that its records were the best in ten years. It was felt that the market as a whole was on its way out of the depressed position it had occupied for a far too long period of time.

One of the strengthening elements for the future was the fact that almost without exception imported merchandise was quoted on a substantially stronger basis in all foreign markets. Certainly that was true as concerned oils and aromatics of primary importance. None of the items were stocks normally on spot and some of them cannot be readily replaced regardless of price paid. Altogether, the market was a strong affair.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 10c. per lb.
Bergamot, 10c. per lb.
Calamus, 75c. per lb.
Cassia, 5c. per lb.
Citronella, Ceylon, 2c. per lb.
Java, 2c. per lb.
Cubeb, 10c. per lb.
Eucalyptol, 8c. per lb.
Geranium, Algerian, 35c. per lb.
Lemon, Messina, 5c. per lb.
Orange, Messina, 10c. per lb.
Sage, 5c. per lb.

Reduced

Almond, sweet, 5c. per lb.
Birchtar, rectified, 5c. per lb.
Cedarwood, southern, ½c. per lb.
Cinnamon, Seychelle, 50c. per lb.
Lavender, low ester, 30c. per lb.
Orange, West Indian, 5c. per lb.
Peppermint, 10c. per lb.
Petitgrain, 5c. per lb.
Sassafras, artificial, 1½c. per lb.
Spearmint, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
80.9	80.6	79.4	72.3

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Supplies have increased moderately and with dealers able to make more firm offerings, the price has come down to the basis of 70c. to 72c. per pound for sweet, true material.

Anise.—The supply was so low as to make any price named for spot deliveries nominal in all senses of the word. The market last week was quoted at 95c. per pound on that basis. Of course, inability to secure normal shipments of technical oil continued to be responsible for the undersupply of spot stocks.

Apricot.—A firmer market has developed of late and the general situation was one in which dealers were more than a little disposed to look for advances in prices when larger movement starts with the turn of the year. Unsold stocks were conservative in size.

Bergamot.—Quotations have been moved up to the basis of $2.95 to $3.05 per pound and a strong position established because of the well controlled price and supply of the article in Italy. Business was very good notwithstanding the period of the year.

Birch Tar.—Rectified material was down somewhat, offerings being made firm on the basis of 70c. to 75c. per pound, according to quantity. No change in quotations on crude material was made. Demand was irregular. Stocks of rectified oil were somewhat more abundant.

Bois de Rose.—A market of substantially firm undertones prevailed regardless of the fact that large demand was absent last week. The maintenance of prices locally was in line with the firm position of both varieties of the material in their respective primary markets.

Calamus.—The market has reacted from the lower position set up some time back. During the past week, transactions on the basis of $3.50 to $3.75 per pound revealed that replacement costs were responsible for the exceptionally firm undertones prevailing.

Camphor.—A somewhat firmer market was reported without the development finding prompt reflection in local quotations. A market of routine proportions was reported, but the tone seemed to be steadier in keeping with the primary market situation.

Cananga.—The spot price on native oil was down to $1.75 to $2.25 per pound, quoted according to seller and quantity. Supplies were somewhat increased of late. Rectified oil held free from quotable change, but it seemed to be somewhat easier.

Caraway.—A firmer market was noted and some sellers were asking somewhat higher prices without affecting the general market view on the article. Trade over the past month has been very good. Replacement costs were steady.

Cassia.—The market has become firmer. Quotations were up to 90c. to 95c. per pound, and some quarters were minimum at 92½c. per pound. This was in keeping with a stiffening in the cost of technical oil in the China market.

Cedarleaf.—Stocks were moderate and in strong hands. Reports generally indicated difficulty in getting shipments from the source. The entire situation has grown in strength in recent weeks.

Cedarwood.—Southern oil was in very low supply and prompt deliveries by the producers were impossible on new orders. Spot quotations were off a small fraction to 21½c. to 24½c. per pound, according to seller and packing, but the market was actually no easier so far as spot stocks and the future of the article was concerned.

Cinnamon.—According to quality, quotations on Seychelle oil ranged $6.50 to $7.50 per pound, the inside quotations being somewhat lower than it had been. Ceylon oil held very firm at $9 to $22 per pound, according to quality.

Citronella.—The market continued to display the strength responsible for the numerous advances in prices during the past several weeks. Ceylon oil was higher at 29c. to 31c. per pound in drums and 32c. to 34c. in cans. Java was up to 39c. to 44c. per pound and not much was to be had on the basis of the inside figure. Replacement costs were strong in tone.

Clove.—Prices lacked change, but the market was very firm and based on production costs, current quotations were declared to be fully warranted. Outlook for trade after the turn of the year was said to be excellent.

Coriander.—No house would quote on a firm basis for an open market delivery. There was next to nothing available on spot wherewith to meet even the requirements of regular customers. No price, even on a tentative basis, was named last week.

Cubeb.—The market was slightly higher at $2.85 to $3.25 per pound and values were generally on the firm side

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

REVOLUTION and other world influences cause wide fluctuations in price, but M M & R low prices remain the fixed standards by which Quality Essential Oils are measured.

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ESSENTIAL OILS for SEASONING
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CARROT SEED
CUMIN
MARJORAM
SWEET
SAGE,
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ESTRAGON
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and Others
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PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
110 WEST OHIO ST. CHICAGO, ILL.

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because of the fact that production costs were based on raw material fairly high in price. Demand was routine.

Eucalyptus.—Some substantial quantities reached here in the previous trading period without easing prices in the least. Most of the oil had been sold prior to arrival. Spot quotations were very firm at 39c. to 41c. per pound in drums. Usually, cans cost 3c. more, but in one direction the markup for oil in cans was 2½c. last week.

Geranium.—Algerian oil was up somewhat, quotations ranging $4.85 to $6.25 per pound, according to seller and quantity to conform with the replacement situation. Bourbon oil remained quiet and moderately easy on the basis of $4.75 to $5.65 per pound, same basis.

Ginger.—Quotations were a shade lower at $5.75 to $7.25 per pound, according to seller. However, the cost of raw material created basically firm undertones for the article, and stocks available at the minimum price were none too plentiful. Moderate demand was noted.

Lavender.—The lower quality of flower oil was easier and tended downward. Prices were inside at $2.55 per pound. The range was to $6.75 per pound, which price covered the choicest material offered on this market. Lower quality oil was in fair supply abroad but the top grades were not well stocked.

Lemon.—Messina oil was higher at $2.85 to $3.35 per pound and the market was strong, based on replacement cost, but not especially active, based on the current call for prompt deliveries. California oil was strongly held at $3 per pound and deliveries were on a conservative basis because of the not abundant production.

Lemongrass.—Undertones were very firm even though demand was only moderate last week. The local strength traced back to the firmness prevailing in the primary market where values were well held and where little tendency to accept bids was said to exist.

Orange.—Messina oil was higher at $2.75 to $4.50 per pound. West Indian was lower at $1.95 to $2.05. The Italian market was strong in tone and prices were well maintained. California oil was offered only in moderate quantities and the price was uniformly strong at $3.25 per pound.

Peppermint.—Inactivity on the spot led to prices showing a slight reaction to the basis of $2.25 to $2.50 per pound for natural and $2.50 to $2.75 for the redistilled material. However, the position of oil in the primary market was declared to be very firm and good quality oil was especially well held by dealers and producers. Revival of trading was expected to be along broader lines in the first quarter of the new year.

Petitgrain.—Quotations were a shade lower at $1.05 to $1.10 per pound and with a fair supply available at the inside figure, the market seemed to be considerably easier than it had been. Demand was routine.

Pimento.—Leaf oil was offered firm again, the basis being $1.25 to $1.30 per pound. Berry oil continued strong in price and light as to supply.

Sage. — Quotations were slightly higher at $1.65 to $1.70 per pound, based on a greater interest that had developed in the article, and also on the present cost to produce the item.

Sassafras.—Quotations were down a small fraction to the basis of 31½c. to 32½c. per pound for oil in drums and 34½c. to 35½c. in cans, these prices applying on artificial material. However, some quarters reported a firming up of the tone in the primary market.

Spearmint.—While the primary market was said to be holding fairly steady, in local circles a not especially active call has resulted in price views becoming somewhat easier. Local quotations were noted at $1.75 to $2 per pound according to dealer.

Wormwood. — Though most sellers wanted around $3 to $3.25 per pound minimum, one quarter on spot was said to quote $2.65 per pound late last week and reporting that business was very light. However, it was generally felt that the unsold balance of this year's crop was small.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

SULPHONATED OILS
For Soapless Shampoos
VISCO GUMS—For Wave Set Solutions
GUMS
Arabic, Tragacanth, Karaya
Powdered in our own mills under laboratory control
JACQUES WOLF & CO.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

A. M. TODD CO.
Growers, Distillers and Refiners of
ESSENTIAL OILS
CRYSTAL WHITE—DOUBLE DISTILLED
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WINTERGREEN, Etc.
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Products Department, Ontario, California
Producing Plant: The Exchange Orange Products Company, Ontario, California
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Aromatic Chemicals

Borneol.—Price stability prevailed and while not much demand prevailed, there was still a routine, if entirely jobbing request that kept prices well held in all quarters.

Bornyl Acetate.—Sales have been very good over the past month, but some letdown in request was noted last week, being in keeping with the season. However, prices continued to be firm and the outlook was favorable for the coming year.

Bromstyrol.—Indications were that soap manufacturers' requirements after the turn of the year would account for an excellent demand for this hyacinth base. Undertones were very firm.

Carvol.—Hand-to-mouth trading was the rule locally and for the most part it was a market of routine proportions at all times last week. Quotations were quiet but very steady.

Cinnamic Alcohol.—Jobbing business was fair in size but for the most part, prominent consumers of the item were inclined to await the new year before placing substantial orders to cover requirements of the first quarter of the year.

Cinnamic Aldehyde.—Shipments continued to be in fair volume and for the most part undertones were sufficiently firm to keep prices well maintained and to forecast a favorable position for the item when larger demand shall be resumed in the new year.

Citral.—Undertones were steady. Most sellers held normal reserves of the article and felt that the trade requirements in the first quarter of the year would reduce them substantially. Prices were steady to firm.

Eucalyptol.—Quotations were higher at 54c. to 55c. per pound, based on production costs that have risen in keeping with the rising prices on raw material.

Geraniol Propionate. — Fundamental firmness of prices was related to present costs of production and a lack of oppressive competition between the several suppliers of the item. Stocks were moderate.

Isobornyl Acetate. — Normal business was done. Prices were steady to firm. Inquiries concerning deliveries to be made after January 1 indicated a fair sized consuming requirement to exist.

Isobutyl Acetate.—Irregular request was reported for the most part last week, but the market seemed to have a fairly steady tone and prices were well maintained in the absence of much competition.

Isoeugenol.—Production costs reflected what has to be paid for raw material at this time and hence quotations on this item on sales proposals to the consuming trade were generally on the firm side last week.

Iso Safrol.—Fair interest was shown and the market for the most part displayed a steady undertone and an absence of much competition. Stocks were said to be sufficient to care readily for the somewhat broader demand expected to develop early next year.

Linalool.—Despite that considerations of inventory tended to keep users from the market, there was a very fair movement into consumption and the market in all its aspects was distinctly on the firm side.

Linalyl Acetate.—The high cost of bergamot oil has caused numerous users of the same to turn to this synthetic to cover their requirements. The increased business has served to check price shading and to establish values on a fairly firm footing.

Fritzsche Bros. Holds Annual Dinner Dance

The annual dinner and dance, given by the officials of Fritzsche Brothers, essential oil merchant, this city, to the employees of the company was held December 19 in the Hotel New Yorker. The attendance at this the sixty-fifth occasion of the sort was the largest ever.

F. H. Leonhardt, president of the company, made an address of welcome in which he spoke of his "happy and growing family". He welcomed heartily the presence of the company's representatives who had been at the home office for a week of conferences, and expressed his pleasure at the presence of Pierre Chauvet, manager of the company's Seillans plant in France, and his wife. He spoke appreciatively of his secretary, Miss Mary Neary, and of R. R. Redanz, assistant treasurer, for their successful planning of the occasion. Dancing was the center of activity until three o'clock in the morning. Music was provided by a ten-piece orchestra, and there was also singing by a professional vocalist.

Denver Oil Bowlers

Denver oil teams in various bowling leagues, in recent contests, rolled as follows:—

Major Bowling League, Denver, December 2:—Davis Brothers, 2,949, against Keltons, Inc., 2,868.

National Bowling League, Denver, December 2:—Page Garage, 2,641, against Colorado Glass & Glazier, 2,587.

Powerine League, December 8:—Powerine Oil, 2,604, against Prestone, 2,466; Auto Accessories, 2,596, against Powerlube, 2,535; Goodyear Tires, 2,776, against Exide Batteries, 2,317; Alcohol, 2,697, against Distillate, 2,563; Auto Greasing, 2,760, against Bearcat Gasoline, 2,682; Grease, 2,610, against Kerosene, 2,463.

Texaco League, December 10:—Statistical Department, 2,014, against Travel Bureau, 1,880; Sales Department, 2,188, against Stock Department, 2,057; Accounting Department, 1,929, against Credit Department, 1,890.

Mile High League, December 17:—Layden-Jamerson, 2,591, against Texaco, 2,268.

Texaco League, December 17:—Sales Department, 2,388, against Accounting Department, 1,966; Credit Department, 1,981, against Statistical Department, 1,974; Travel Bureau, 1,981, against Stock Department, 1,874.

W.-Q. Auction Set for Feb. 5

Warner-Quinlan Company's 231 service stations will be auctioned to the highest bidder at noon February 5, the date set by Judge Murray Hulbert in Federal Court, this city. The court fixed $4,180,750 as the lowest figure at which the sale may be made. The auction will take place in court in connection with the next meeting in reorganization proceedings of the company.

Petroleum Solvents, Lubricants, Fuels

Refined Products Continue Strong—Majors Have Not Indicated Position on Crude Oil Price Rise — Kerosene Stronger Here — Gasoline to Be Advanced

The focal point for interest in the market for all petroleum products last week was whether or not the large crude purchasers in the Southwest will follow the boost in crude prices that was scheduled to take place after the first of the year. The larger factors have not yet indicated their position but it was the trade's expectation that the larger buyers would follow some time early in the new year if not at the time when the smaller purchasers quote higher prices. The trade predicated this belief by an extended purchasing interest in the refined oil market. Refined oil prices were stiffening all along the line, the principal movement being an increase in tankcar and tankwagon gasoline prices throughout New York and New England today.

The petroleum solvents and naphthas were watched closely by the manufacturers and processors using these products as raw materials. The Midcontinent district was the scene of sustained market interest and it was reported that buyers were inquiring for January needs. The East Coast suppliers reported a similar condition.

Daily average production of crude oil in United States for the week ended December 19 broke all previous records, having averaged, according to the estimate of the American Petroleum Institute, 3,145,700 barrels, an increase of 26,200 barrels over the preceding week's average of 3,119,500 barrels. The average for four weeks ended December 19 was 3,069,000 barrels and the average at this time a year ago was 2,850,050 barrels. Crude runs to stills were reported as having averaged 2,768,000 barrels for 77.9 percent of refinery operation, and, according to the A. P. I., 222,000 barrels additional were sent to stills unreported for a total average of 2,990,000 barrels against 2,955,000 barrels in the preceding week.

The Bureau of Mines forecast of demand for motor fuel and crude oil for January recommended a daily average production of 2,998,400 barrels of crude or 68,100 barrels higher than the estimate for December. The domestic demand for motor fuel was estimated at 34,900,000 barrels for January or 7.2 percent higher than January last year.

Solvents and Diluents

The market for petroleum solvents and naphthas used as industrial raw materials continued in a firm position and the buyers evidenced an active interest in the market because of the prospects of higher crude oil prices after the turn of the year. The reports from the Midcontinent district indicated that buyers were inquiring last week for January needs. Usually at this time of the year there is very little concern in the market because purchasers seek to minimize year-end inventories. There were no price changes reported in the tank wagon markets.

Cleaners' Naphthas.—Conditions unchanged from a week ago. Buyers' attentions in the market have been more noticeable during the past two weeks with considerable inquiry for January needs reported. The prospects of higher crude prices were responsible for the added interest.

Lacquer Diluents. — Lacquer manufacturers' needs at this time were light but because of the likelihood of higher crude prices, the buyers have been manifesting a sustained interest in the market. Prices last week were the same as those that have been in force for some time.

Petroleum Thinners. — The market shared the general position of other petroleum solvents. Purchasers showed a close interest in the progress of the market and Midcontinent sellers reported an active inquiry for January delivery because of the prospect of a higher market. The tankwagon markets in leading cities in the East and Mid-West were unchanged.

Rubber Solvents.—The demands for tank car shipments into the Akron district continued lively although the market has undergone some letdown during the past few days because of the desire on the part of the tire makers to keep their inventories low at the year's end.

Stoddard Solvent. — The market attracted more than usual interest for this time of the year. In company with other solvents, the prospect is for higher crude oil prices after the turn of the year.

V. M. & P. Naphthas. — The local market held the attention of the buyers and the reports from the Midcontinent and the midwestern area indicated a similar condition. The possibility of an advance in crude prices after the turn of the year was responsible for the sustained attention in the market over what is usually a very quiet period.

Markets at Other Centers

Chicago, Dec. 23.—The petroleum diluents and solvents business remained on a fairly active plane. Prices held unchanged, with tone firm. Considerable interest was shown in these products by various consuming industries even at year-end. Ruling prices in tankcar lots, except as noted, were (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Dec. 23.—Petroleum solvents have been more active, as buyers were inquiring for January delivery. There was, however, no change in prices with Stoddard, cleaner's naphthas and v.m. & p. quoted at 6⅞c. to 7⅜c. per gallon.

Lighter Fractions

The lighter petroleum fractions in the gaseous solvents group continued through the week in routine fashion. The prices for butanes, hexane, propane and others in this classification have been without change in recent weeks. The industrial demands were quite routine.

Butanes.—The market continued in a steady position last week under routine purchasing. Quotations named by leading sellers continued at 2¼c. to 3¾c. per gallon for tankcars at Group 3 of material testing up to N.G.A. specifications.

Heptanes.—There has been no shift in the position of the market. The normal product continued at 10½c. per gallon in tanks and mined material was named at 9½c. per gallon in similar quantity. Both were subject to the usual differentials for smaller quantities. The prices were basis Group 3.

Octanes.—Conditions surrounding the market were unchanged last week. The purchasing side of the market was routine and prices for the mixture were steady at the levels that have been long standing.

Pentanes. — Prices continued in a steady position at the basis of 9½c. per gallon for tankcar quantities, f.o.b. Group 3, for normal grade. The laboratory grade in drum cars continued at 16c. per gallon, also basis Group 3.

Propanes.—The market was without new feature last week and conditions were much the same as in recent weeks. Prices have been holding steady in company with other light hydrocarbons.

Petrolatums and Waxes

White Mineral Oils.—The market was very quiet last week and surrounded by the usual dullness of the holiday period. As reported previously, some of the sellers have been offering contracts for the first quarter and the first half of next year. Prices were quite steady.

Paraffin Waxes.—The scale wax market held its recently strengthened appearance but the market did not move upward. Business was dulled by the holidays. The quotations for 122-124 A.m.p. continued at 2.40c. to 2.45c. per pound, while 124-126 A.m.p. wax was named at 2.50c. to 2.55c. per pound. The market continued to evidence strength, particularly with the prospect of higher crude prices for after the turn of the year. Fully refined waxes continued at schedule prices.

CHICAGO, Dec. 23.—The refined wax market held strong. Buying continued in force. Most buyers have not showed any special disposition to relax in their interested buying attitude. Little material was being pushed on the market. Ruling prices of leading sellers were:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Dec. 23.—The scale wax market remained firm as most plants were taking orders only for January delivery. The December output was completely booked up at 2¾c. per pound.

Petrolatum.—The market approached the end of the year with the usual quiet that is found at this time. Ordering on spot and also against contract slumped off because of the holidays. There has been no change in quoted prices.

Fuels and Lubricants

Light refined oils in the East Coast sector occupied a very strong position last week. The probability of higher crude prices for after the turn of the year has stimulated buying in almost every direction. A leading gasoline supplier in New York and New England will advance tankcar and tankwagon prices for gasoline today; others in the Eastern seaboard sector have not followed but there was no doubt that a strong market prevailed. The kerosene situation was just about what most operators in the market had expected. Leading refiners advanced the tankcar prices for the second time within the past month. Under present circumstances the market presented quite a different position than it did at the beginning of the month when price cutting was in vogue. Heavy oils continued firm.

Tankwagon Price Changes

MID-WESTERN STATES.—Standard Oil Company of Indiana, effective December 21, advanced all normal and sub-normal tankwagon tractor fuel prices throughout its ten-state middle western territory, ½c. per gallon; except in southwest Kansas, where a similar advance was made previously.

NEWARK, N. J.—Tankwagon kerosene prices in Newark were increased ½c. per gallon to the basis of 8c. per gallon, December 19, by the Standard Oil Company of New Jersey.

Market Conditions

Gasoline.—A leading seller will advance the tankcar prices and the tankwagon quotations throughout New York

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Dec. 26	1935 Jan. 1-Dec. 26
Commercial crude oil production	1,061,042,000	957,154,000
	Week ended Dec. 26, 1936	Week ended Dec. 28, 1935
Daily average production	3,130,300	2,846,700
	Week ended Dec. 19, 1936	Week ended Dec. 12, 1936
Estimated motor fuel stock total	59,205,000	58,015,000
Estimated finished motor fuel stock at refineries	33,286,000	32,263,000

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline prices at the refinery points were also unchanged. Gasoline prices in New York and New England were slated for an increase of ½c. per gallon today.

	Dec. 24	Dec. 17	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.276	$1.276	$1.140
Gasoline prices at refineries (at four refining centers) per gallon	.0534375	.0534375	.0534375
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1919	.1919	.1899

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Outputs and Quotas

A comparison of suggested crude oil production for December as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended December 19, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	567,000	597,400
Kansas	155,900	173,600
Texas	1,145,200	1,212,200
Louisiana	204,800	241,450
Arkansas	26,800	28,000
Eastern (not including Michigan)	110,600	116,000
Michigan	29,300	27,500
Wyoming	40,200	48,450
Montana	14,300	18,200
Colorado	4,500	3,750
New Mexico	78,300	85,650
California	553,400	593,500
Totals	2,930,300	3,145,700

and New England by ½c. per gallon today. Other refiners have not yet taken any forward step in price but the entire market was strong on the probability of higher crude oil prices after the turn of the year. Jobber purchasing was active last week. The leading seller's quotations continued at 6½c. per gallon for U. S. motor, 62-63 octane; 6¾c. per gallon for U. S. motor 65 octane, and 7c. per gallon for branded qualities, all basis refinery. Export quotations continued unchanged last week at the Gulf. The quotations were:—U. S. motor, 5⅛c. per gallon; 60-62, 390 e.p., 5⅜c. per gallon; 60-62, 400 e.p., 5¼c. per gallon, and 64-66, 375 e.p., 5⅝c. per gallon.

Kerosene.—As expected by some of the market's observers a week ago, leading refiners raised tankcar prices last week by ½c. per gallon. The spot market for tankcars of 41-43 water white material at the refineries was now 5½c. per gallon. And it was reported quite strong at that figure. Within the month of December the market has taken a complete reversal of position from one of weakness and open price shading to a strong market that supported two price advances within a fortnight. Export quotations at the Gulf were unchanged last week with 4⅛c. per gallon named for prime white and 4½c. per gallon quoted for the water white article.

Fuel and Gas Oils.—The market continued strong in all directions last week. There were no price changes following the recent advance in local tankcar prices for fuel oils. Bunker C oil continued in a firm position at the local terminal points.

Lubricating Oils.—The Pennsylvania oils did not show price change during the week under review. The cylinder oils held to the advances that were made a fortnight ago and some observers of the market looked for further rise after the turn of the year. Bright stocks were held in firm hands. Neutrals were unchanged also.

Tulsa, Dec. 23.—Trading was reduced in the spot end of the refined oil markets of the Midcontinent field. The anxiety of buyers to obtain requirements in advance of higher quotations has obviously disappeared. But in the trade the activity does not appear to have dwindled and prices, with the exception of natural gasoline, were consolidating their gains. Natural gasoline reacted severely, losing from 3/8c. to ½c. per gallon. A small quantity coming into the market from manufacturers not wishing to carry the product over the year-end brought about the reactionary trend. As offerings of natural increased, so did third grade refined gasoline.

The year will close, it appears at this time, with inventories in a more satisfactory condition than has prevailed for some years. In seasonal products—burning oils—the quantities available were quite restricted and although there appeared to be no substantial withdrawals from storage, the tightness in the market continued, due chiefly to the low level of inventories.

Buyers, now that most of their requirements for the remainder of the month are well taken care of, awaited developments in the crude oil market. With the larger crude buyers showing reticence and the talk of granting further increases in the allowable production of some states, a transitory period between notification and application caused doubt in many quarters as to the higher postings becoming general.

Following were quotations of the refined oil products traded in the Midcontinent refined oil markets on the basis of Group 3:—

GASOLINE.—Quotations remained unchanged. In the resale market some trades of third grade were reported at 4½c. per gallon although most of the trading was effected at 4⅝c. In the trade quotations were 4⅞c. to 5c. The 65 octane was generally 4⅞c. to 5¼c. per gallon while the 68 octane was 5⅛c. to 5⅜c. and 70 octane was 5½c. to 5⅞c. per gallon.

NATURAL GASOLINE.—Offerings depressed the quotations of 26-70 grade to 4¼c. per gallon, or ⅜c. to ½c. lower, and caused a lowering of 18 pound to 5.10c. per gallon and the 22 pound to 4.67c. per gallon.

KEROSENE.—the 42-44 grade continued at 3⅞c. to 4c. per gallon while the 41-43 was quoted 3¾c. to 3⅞c. per gallon.

DISTILLATES.—In refining circles there was considerable fear of a serious shortage next month. Quotations for 38-40 prime white were 3⅝c. to 3¾c. per gallon, the lower for resale and the higher in the trade. The No. 2 and No. 3 straw were 3⅜c. to 3½c. per gallon while 32-36 dark was also at the same prices. There were a few offerings of gas oil coming into the market for spot movement for the first time during the past several weeks.

FUEL OIL.—Larger movements of fuel to the railroads continued. The 24-28 low cold test was 95c. to $1.05 per barrel while high cold test was 80c. to 85c. per barrel. The 18-22 was 72½c. to 80c. per barrel while fuel below 15 degrees was generally quoted at 65c. to 75c. per barrel depending upon the grade.

LUBRICANTS.—Contracts were closed this week for 1937 deliveries, as inquiries increased greatly. Trading for December delivery has been quiet as most of the plants were sold up for the remainder of the month. Quotations were unchanged.

Chicago, Dec. 23.—Tankcar oil markets have been quite generally strong lately in virtually all departments. Based on the widely held belief that the basic trend in crude oil is toward strength, sellers of gasoline have been holding for higher prices in some cases, although ruling prices were still mostly about unchanged. Tankwagon and dealer gasoline prices were holding in mostly good shape, as were retail prices. Kerosene was strong and in good demand at prices that are tending higher. The good grades of the heating oils, too, were quite active and are at their best levels this season. The heavy fuel oil buyers have kept the market quite closely stripped of available material, with gas oil in a like position. Lubricants are somewhat mixed, with little change noted.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; middle octane motor, 5⅛c. to 5¼c.; high octane motor, 5¾c. to 5⅞c.; 60-62, 400, 4¾c. to 4⅞c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅝c. to 3⅞c.

FURNACE OILS.—No. 1 prime white, 3⅝c. to 3⅞c. per gallon; No. 1 straw, 3½c. to 3¾c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; 32-36, dark, industrial gas oil, 2⅜c. to 2¾c.

FUEL OILS.—No. 3 low cold test, 3¼c. to 3½c. per gallon; No. 4, 97½c. to $1 per barrel; No. 5, 77½c. to 80c.; No. 6, 65c. to 70c.

New Orleans, Dec. 22.—The domestic market continued to hold its own, with no change in quotations of the previous week. Foreign inquiries were good, while experts were fair. U. S. motor gasoline was quoted at 6⅛c.; U. S. motor below 62 octane at 6⅛c.; 63-67 octane at 6½c. and 68-70 octane at 7c., all per gallon at refinery.

Kerosene remained unchanged at 7c. per gallon at refinery.

The demand was good on Bunker C fuel oil at 95c. per barrel at terminal and $1 per barrel delivered alongside, while industrial plants were quoted on a basis of $1.36 per barrel, delivered.

Socony Gets Income Tax Credit

The Socony-Vacuum Oil Company has received an income tax credit of $1,092,543 from the Federal Bureau of Internal Revenue, for the years 1922, 1924, and 1925. The over-assessments resulted from an allowance of additional credits for foreign taxes accrued during the taxable years and paid subsequent to the filing of the income tax return. Of the total amount credited, $141,884 will be withheld in connection with proposed deficiencies for 1929 and 1930.

Paint Materials

Lacquer Materials

(Continued from page 36)

with parts, and indications were that such labor unsettlement would spread to the automobile plants shortly after the turn of the year.

Acetone.—Demand continued highly irregular during the week. Prices were unchanged.

Butyl Alcohol.—A good buying movement was reported for this article, sellers were holding firmly to the higher prices established for the first quarter.

Dibutyl Phthalate.—Nothing new was uncovered in this market, usual buyers were ordering out in a conservative manner. Prices were unchanged.

Ethyl Acetate.—This market continued to experience a fair demand throughout the week. Quotations were firm.

Film Scrap.—Prices were strong. Export and domestic inquiry was good.

Triphenyl Phosphate.—Price for 50,000 pounds was 28c. per pound, with the schedule ranging up to 34c. per pound, according to quantity.

Driers

The sellers of stearates centered their principal interest in the negotiations for contracts for the first quarter of 1937 which were being written at the prices currently in force. Buyers have been unusually active in booking for the first quarter of the year because of the increase in stearic acid costs since contract offerings on stearates were made.

Glues and Binders

Casein.—Although the domestic product held unchanged last week Argentine moved up as expected to the basis of 19½c. per pound for 20-30 mesh and 20c. to 20½c. per pound for 80-100 mesh. There was no French offered for sale here. The domestic situation was tight and some sellers predicted a further rise in the market within the next few weeks. These observers of the market accept as a certainty the belief that prices will go higher before they turn the other way.

Glues.—Bone glues advanced 1c. and hide glues advanced 2c. per pound since last reported. The short position of raw stock and the limited imports of foreign glue were responsible for the latest boost in the market. Bone glue prices in car lots, were as follows:— 24 millipoise, 36 jellygram, 12½c. per pound; 28/58, 13c. per pound; 38/52, 14c. per pound; and 48/108, 14½c. per pound. Less car lot quotations were ½c. per pound additional. The new prices for hide glues, in car lots, were as follows:— 53 millipoise, 135 jellygram, 17½c. per pound; 60/164, 19c. per pound; 67/192, 20c. per pound; 75/222, 21c. per pound; 83/251, 22c. per pound; 92/283, 23c. per pound; 102/315, 23½c. per pound; 113/347, 24½c. per pound; and 125/379, 25½c. per pound. Less car lot quantities were ½c. per pound additional on the first three grades and 1c. per pound additional on other grades.

Louisville P. V. P. Club Elects 1937 Officers

The Louisville Paint and Varnish Production Club, at its annual meeting in December, elected the following officers for 1937:—President, C. E. Brusegaard, of the Reliance Varnish Company; vice-president, A. J. Porter, of the Charles R. Long, jr., Co., and secretary-treasurer, H. L. Beakes, of the Kentucky Color & Chemical Company.

The guest speaker was J. F. Broeker, of the Krebs Pigment & Color Corporation, who spoke on "New Developments in Protective Coatings," covering lead, zinc, and titanium pigments with various inerts, illustrated with test fence pictures, and accompanied by two reels of talking pictures.

The club has accepted an invitation from the University of Louisville, Speed Scientific School, to join in a meeting there January 13, and twenty members signified their intention of attending.

Dr. Stanford L. Herman, son of the president of the Apex Chemical Company, this city, and member of the research staff of that firm, left on the Saturnia for a short holiday cruise to the West Indies. While in Cuba he will interview chemical firms and consumers already doing business with his organization, with a view of establishing closer relations in that country.

Fertilizer Materials

Holidays Dull Buying Interest as Organics Continue to Soar in Price—Rough Ammoniate Scarcity Acute—Fish Meal $56 Per Ton, Basis Baltimore

The agricultural chemicals market was in a passive state last week as the arrival of the holidays dulled the interest of the buyers. The scarcity of supplies of organic ammoniate materials was the uppermost problem in the minds of buyers and sellers, but during the past week and probably for the next week as well, there was little trading and less interest. The high prices and the shortage of organic supplies will probably result in a minimum use of these products in the season's mixtures.

Nitrogenous material prices moved onto new high levels for the season, and prices for fish products were far out of their normal sphere at this time. Except for what Japanese sardine meal might be available at a price in re-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, steamed, 1¼ & 60.. Chicago, $1 per ton.
1 & 65-70, import., 75c. per ton.
meal, import., 3 & 50, $1 per ton.
Fish meal, dom., Balto., $1 per ton.
Nitrogenous material, dom., Western, 25c. per unit.
Tankage, dom., New York, 25c. per unit-ton.
import, 10c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
63.6	63.6	63.6	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

sale quarters, the only type of fish scrap available in the open market was ground menhaden meal at Baltimore, and the holders of stocks at that point were not very anxious to dispose of them, even at the tempting and abnormal price of $56 per ton. Packing house by-products continued to edge upward, and the supplies were light in every direction. Importers of blood and tankage could not obtain freight space, and some of the shipments of the latter article, which were scheduled for December, would not be shipped from abroad until February unless extra vessels are placed in the South American service.

Ammoniates

Nitrate of Soda.—The market's position was not materially different from that of a week ago. The receipt of delivery orders against contracts has been mild and would likely continue so over the holiday period. Prices, of course, continued in a steady position at the schedule. Exports of nitrogenous chemicals other than organic, which is usually interpreted as being domestic synthetic nitrate, totaled 119,700 tons for the first 10 months of this year against 117,288 tons in the same period of 1935 and 149,163 tons in the first ten months of 1934, according to the Department of Commerce.

Sulphate of Ammonia.—The market continued under mild activity. Prices continued firm at the levels that have been in force since December 1. The quotations current were for December-June delivery. Production continued at a heavy rate, but the market seemed to be in strong hands, and any surplus that might exist at the ovens at this time was not pressing on the market. The shortage of organics should result in a broader use of this and other mineral ammoniate products.

The British Sulphate of Ammonia Federation's report for the 1935-1936 season showed sulphate of ammonia production throughout the world at 995,000 metric tons (in terms of pure nitrogen), a new high record. Of this amount, 630,000 tons was synthetic—also a new high record. Total consumption of pure nitrogen in the 1935-1936 season was 2,400,000 metric tons, or 329,516 tons and 15.9 percent over the consumption of the preceding year.

Cyanamide.—New bookings have been few as the market continued in a steady position at the recently advanced level of $1.05 per unit of ammonia, f.o.b. Atlantic ports, and $1.10 per unit, f.o.b. Gulf ports or delivered interior points.

Dried Blood.—The New York market was firm with $4.25 per unit asked and the offerings closely held; the latest sale took place a week ago at $4 per unit. Importers offered material for January-February shipment at $3.90 to $4 per unit, c.i.f. The Chicago market held the $4.50 position reached over the preceding week-end and reported in the late market summary of last week's issue.

Castor Pomace.—Although the prices mentioned in some quarters were reported higher, the latest sales of domestic material were made at $20 per ton, f.o.b. producing points. As reported previously, there was no foreign material available.

Fish Scrap.—Aside from what Japanese sardine meal might be available in re-selling quarters, ground Chesapeake menhaden meal was the only type of fish material available at this time and the holders of that article were not anxious sellers even at $56 per ton, f.o.b. Baltimore. This figure was $1 per ton higher than the selling price a week ago. Japanese sardine meal for shipment from abroad was unavailable, except perhaps for late shipping positions. The latest transaction in Japanese meal at resale was one reported in Baltimore at $50 per ton; there were no resale trades reported last week.

Hoof Meal.—The asking position of the market at Chicago continued at the basis of $3 per unit. As in the case of other organics, offerings were small.

Nitrogenous Material.—Prices continued upward. The Carrollville price for January-April shipment was named at $3.50 per unit of ammonia, f.o.b. Carrollville, 10½ percent ammonia for freight purposes. This compared with the recent price of $3.25 per unit for February-March position. The imported article was in a nominal position with the $3.25 figure of two weeks ago as the latest price heard. The market at Chemical, Ill., was $3.40 per unit, nominal; the Norfolk price was also nominal at $3.50 per unit.

Tankage.—After sales at $4 and 10c. per unit-ton, the New York market for ground or unground material was advanced to $4.25 and 10c. per unit-ton, with little offered. Imported material was higher at $4 and 10c. per unit-ton for shipment, an advance of 10c. per unit-ton. Even at $4 and 10c. per unit-ton the price was largely a nominal one because of the lack of freight space, and it was reported last week that some of the December bookings will not be shipped from abroad until February unless additional vessels are put in the South American service. Fertilizer grade material held firmly at $3.75 and 10c. per unit-ton in Chicago; feeding stocks were quoted at $4.50 to $4.75 and 10c. per unit-ton.

Potashes

The market did not contain much for comment last week. As reported previously, some of the deliveries from California have moved out by rail because of the tie-up of marine transportation. Export business has been good and exports of potashes for the first ten months of this year totaled 100,224 tons, against 60,213 tons in a like period last year; imports of potash salts for the January-October period this year totaled 343,363 tons, against 440,084 tons in the same period last year, according to the Department of Commerce.

Phosphates

Prices for bone products continued to shift and last week's changes were all in an upward direction. Offerings were light in almost every direction. Steamed 1¼ and 60 bone in Chicago was higher; imported 3 and 50 meal advanced, and the price for imported 1 and 65-70 steamed bone was also increased.

Bone Materials.—Steamed bone 1¼ and 60 in Chicago was advanced $1 per ton to the basis of $18 to $19 per ton. The price of the imported article 1 and 65-70 was increased from $23.50 per ton to $24.25 per ton last week. Steamed 3 and 50 meal in Chicago was basically unchanged, but the market was quoted on a wider range at $19 to $21 per ton; the price of the imported product in 100-pound bags was $26 per ton, an increase of $1 per ton.

Superphosphate.—The sellers continued to talk of a stronger market. The demands against contracts were mild at this time and there was practically no new business being booked now.

Sulphur and Pyrites

The market approached the year's close with a moderate rate of business activity. Some of the purchasers were delaying orders of contract deliveries until after the close of the month so as to record purchases on the books for the new year. The price situation continued unchanged.

Markets at Other Centers

Atlanta, Dec. 22.—The situation in the fertilizer material market during the holidays is usually very quiet, and reports indicated very little change in prices. Some inquiries indicated an increased volume of ordering for the Spring business, after the first of the year.

Organic ammoniates continue as a source of concern among fertilizer manufacturers and there was hesitation about commitments. Indications were that a minimum amount of organics will be used.

Quotations of this market are as follows:—

SUPERPHOSPHATES.—$11.30 ton, interior producing points.

NITRATE OF SODA.—Bulk, ports, $25.50 per ton.

SULPHATE OF AMMONIA.—$26 ton, bulk, port basis.

COTTONSEED MEAL.—7 percent grade, $32 ton, interior mill points.

NITROGENOUS.—Imported, $3.25 per unit, port basis; Midwest, $3.50, producing points.

BLOOD.—$4.15 per unit, Chicago.

TANKAGE.—$3.85 to $4 per unit, Chicago; imported, $3.90 to $4 and 10c., port basis.

Chicago, Dec. 23.—A generally strong and healthy market situation has been prevailing in the fertilizer materials market recently despite existence of a little irregularity here and there as to the specific grades of materials. Buying has been going ahead rather actively in some materials although many buyers have given evidence of preferring to follow a rather conservative buying course. Blood was firmly held and in steady tone. Tankage was quiet but strong. Bone materials have been in fair call and attracting some buying interest.

BLOOD.—Principal grade, $4.20 to $4.25 per unit of ammonia.

TANKAGE.—High grade, $3.85 to $4 and 10c.; low grade, $18 to $20, Middle West; liquid stick, $2.45 to $2.50; hoof meal, $2.75 to $2.80.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $18 to $19; 3 and 50 percent, $19 to $21; 4½ and 50 percent, $23 to $24; grinding hoofs, pigs' toes and waste horn materials, $19 to $21; junk and hotel kitchen bones, $17 to $19; cattle jaws, skulls and knuckles, $26 to $28; pork cracklings, soft pressed, $60 to $65; beef cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 95c. to $1.

Baltimore, Dec. 23.—As expected, the past week was characterized by even greater quiet than the previous days in December. Business in the Eastern shore sector was quiet and the entire agricultural sector there was untraversable. Quotations follow:—

FISH SCRAP.—Menhaden meal was offered at $56 to $58 per ton, Baltimore, for direct shipment. Japanese sardine meal was offered at $43 to $44, subject to freight space, while the figures for spot are put at $50 to $52 per ton. Shipments have been delayed three weeks to one month, and there is no certainty when they will actually get through.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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TANKAGE.—Quotations were $3.75 and 10c. to $4 and 10c. per unit-ton, at shipping points, with the c.a.f. Baltimore figures correspondingly higher.

BLOOD.—The quotations were $4.15 to $4.25.

NITRATE OF SODA.—This market was quiet.

GARBAGE TANKAGE.—Some material has brought $4.50, 10c. and 70c., at resale.

BONE.—Supplies were light and the figures asked reflect marked firmness, with 3 and 50 ground steamed stocks at $27 to $28 and with 4½ and 50 ground raw supplies at $29 to $30.

San Francisco, Dec. 22.—This was a rather dull, uninteresting market last week. Prices failed to reflect any important changes, and as a matter of fact, the most of them remained practically nominal throughout the period, excepting on those materials with controlled price levels. The trade was concerned about the scarcity of imported materials considered vital to the mixing trade, notably potashes and phosphates. Some signs of the termination of the current shipping strike were seen at the moment, and this was lending some hope. Organics last week failed to show any developments. A little resale fish meal was on the market, but the main sources of supply were quoting steady levels.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; bulk lots, $26 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles, and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices good for delivery to June, 1937.

POTASH NITRATE.—100-pound bags, $33 per ton, ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor; bags, 85c. to 90c. per unit. Foreign, 67½c. to 70c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal is quoted at $41.50 per ton, prompt to deferred shipment, f.o.b. cars, Monterey/San Francisco. Japanese meal quoted nominally at $34.50 per ton, c.i.f. Pacific Coast, January/March shipment from source.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.25 and 10c. per unit-ton, f.o.b. cars, San Francisco, and $3.50 and 10c. per unit-ton, Los Angeles. Dry rendered, domestic ground, quoted at 95c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 85c. per unit.

BONE MEAL.—Domestic steamed bone meal, quoted in range, according to seller and quality, at $28 to $32 per ton, delivered Pacific Coast ports.

BLOOD.—Domestic quoted nominally at $3.75 per unit, f.o.b. cars, San Francisco, and $3.50, Los Angeles. Argentine meal nominal.

Inedible Fats Ass'n Supports Import Tax

The Association of American Producers of Domestic Inedible Fats, at its recent convention in Chicago, elected the following officers and directors:—

President, R. E. Morse, Boston, succeeding A. L. Buxton; vice-president, H. C. Burrichter, Philadelphia; secretary-treasurer, F. B. Wise, Washington; Washington representative, A. M. Loomis.

Directors:—H. C. Burrichter, W. C. Butler, A. L. Buxton, J. W. DeVorss, John Golden, F. P. Hall, William Hassel, A. M. Hayes, Jacob Herman, B. J. McWatters, R. E. Morse, Samuel Ray, H. R. Sage, Willibald Schaefer, and R. B. Selig.

Three resolutions of pointed importance to the industry were adopted, as follows:—

We favor the appointment of a committee to investigate the desirability of arranging a fellowship in one of the agricultural colleges or experiment stations to ascertain the feeding value of meat scrap and tankage compared with vegetable and other high protein-feeding materials.

That, after witnessing the effects of the tax on imported fats and oils during the past two years, we are convinced of the value and sound economic wisdom of this tax, and hereby record our support of the continuance of this policy. We oppose any change in this tax which will not be in the interest of the domestic producers.

That the co-operation we have enjoyed with the National Grange, the American Farm Bureau Federation, and other responsible agricultural organizations is a matter for which we express appreciation and sincere hope for its continuance.

Other resolutions voiced appreciation of the work of officers and staff of the organization.

The principal speakers during the convention were Frederick Brenckman, Washington representative of the National Grange; W. H. Jasspon, Memphis, Tenn.; A. M. Loomis, the association's Washington representative; William Eisenstadt, Chicago, and Dr. Howard Gramlich, department of animal husbandry, University of Nebraska.

Fishmeal Held Dutiable As Manufactured Article

WASHINGTON, Dec. 21, 1936.

The United States Court of Customs and Patent Appeals has held in action brought by George S. Bush & Co. and the Wilbur-Ellis Company, that certain "fishmeal" was neither "guano" nor "fish imported for purposes other than human consumption," but was instead a "non-enumerated manufactured article." This decision reversed the decision of the United States Customs Court in holding the material involved to be "fish imported for purposes other than human consumption."

The collector at the port of Seattle had classified the substance in question as a "non-enumerated manufactured article." The importers, George S. Bush & Co. and the Wilbur-Ellis Company, appealed to the United States Customs Court, holding that the material was either "guano" or "fish imported for purposes other than human consumption." In the case presented to the lower court, the importers claimed that they "manufactured the fish into two substances—fish oil, which, of course, is not fish, and a so-called 'fish cake,' which is later gound into meal—the latter, stated by the importers' witnesses to be a coproduct or joint product with the fish oil, is nothing more nor less than fish."

Judge Hatfield of the United States Court of Customs and Patent Appeals stated that the article was admittedly one which was manufactured by the importers and therefore could not be classed as either "guano" or a "fish imported for other than human consumption." The substance in question had none of the properties of "guano" as generally defined, and the process of manufacture destroyed its properties, for purposes of classification in tariff duties, as fish.

Classed as a non-enumerated manufactured article, the material is subject to a duty of 20 percent ad valorem.

Fertilizer Freights Approved

The Interstate Commerce Commission has granted authority, on conditions, to Agent E. B. Boyd in behalf of carrier parties to his Import Freight Tariff I. C. C. No. A-2100, to maintain rates on imported fertilizer and fertilizer materials, carloads, from Gulf, South Atlantic and Florida ports to defined destination groupings in central and western-trunk-line territories, without observing the long-and-short-haul provision of the Interstate Commerce Act, section 4.

The basis for the application for relief was to enable the applicant carriers, through Agent E. B. Boyd, without sacrificing revenues on traffic for the intermediate points, to meet competitive rates concurrently maintained from the Atlantic ports over competitive all-rail routes on like traffic to the same destination.

Phosphate Products Becomes Virginia-Carolina Division

The Phosphate Products Corporation has been transferred into a division of the Virginia-Carolina Chemical Corporation, as of December 15, and the business will be carried on in the name of the Virginia-Carolina Chemical Corporation Phosphate Products Division. The change was made to simplify the corporate structure and eliminate any holding company aspect between the relations of the parent company and this wholly-owned subsidiary. There will be no change in management or personnel.

Pan-American Foreign Dissolution Approved

Stockholders of the Pan-American Foreign Corporation, owned 99.3 percent by the Standard Oil Company of New Jersey, at a meeting December 15, approved the liquidation and dissolution of the company, as a means of eliminating duplicate taxation under the revenue act of 1936.

Oil Case to New Grand Jury

The Federal Government, which had indicted twenty-five major oil companies for conspiracy in restraint of trade, dismissed one grand jury and impaneled another, December 15, in Madison, Wis. The old jury returned two blanket indictments against the oil firms and more than sixty individuals were discharged. Court officers said the new jury would be asked to return new indictments if the former ones, now under attack, were ruled illegal.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, COTTONSEED OIL—120 bbls, Statendam, Rotterdam
30 bbls, Spaarndam, Rotterdam
CRESYLIC—206 dms, American Cyanamid & Chem Co, American Traveler, Manchester
25 dms, American Traveler, Manchester, Manchester
37 dms, Monsanto Chem Co, American Traveler, Manchester
25 dms, American Cyanamid & Chem Co, American Traveler, Liverpool
STEARIC—33 bgs, Statendam, Rotterdam
193 bgs, Binney & Smith Co, Spaarndam, Rotterdam
127 bgs, Koenigstrin, Antwerp
ADEPS, LANAE—100 bgs, C Tennant Sons & Co, American Traveler, Manchester
ALBUMEN, EGG, HEN—56 cs, D L Moss & Co, Nojima, Shanghai
112 cs, Bridges Neumer & Co, Nojima, Tientsin
56 cs, Importers Com Co, Nojima, Tientsin
56 cs, Nojima, Tientsin
ALCOHOL, DENATURED—1,000 dms, C P Chemical Solvents Co, Angelina, Arroyo
ALOE—32 cs, Allaire Woodward & Co, Saturnia, Trieste
ALUMINUM LEAF—17 cs, T Riesner, Koenigstein, Antwerp
AMMONIA CARBONATE—15 cs, United Drug Co, Transylvania, Glasgow
10 cs, 10 dms, American British Chem Supplies, Transylvania, Glasgow
AMMONIAC, SAL—40 bbls, Innis, Speiden & Co, City of Fairbury, Gdynia
ANTIMONY—500 bgs, Watson, Geach & Co, Siboney, Vera Cruz
ORE—563 bgs, Bank of London South America, Santa Maria, Antofagasta
ARTISTS MATERIAL—16 cs, Gallagher & Ascher, Spaarndam, Rotterdam
2 cs, Winsor & Newton, American Banker, London
ASPHALT—100 bgs, Chaplain & Bibbo, Siboney, Vera Cruz
1,021 cakes, Hansa, Bremen
360 bgs, A V Berner & Co, Oriente, Havana
BABASSU KERNELS—5,834 bgs, Central Hanover Bank Trust Co, Cape Corso, Maranham
3,333 bgs, Goldman Sachs & Co, Cape Corso, Maranham
1,667 bgs, National City Bank, Cape Corso, Maranham
3,831 bgs, General Foods, Inc, Cape Corso, Parnahyba
BALSAM—42 cs, Cape Corso, Para
BARIUM HYDRATE—27 cks, 5 tons, Samaria, Liverpool
BARK, MEDICINAL—63 bgs, 2 bls, R D Hines, Hansa, Hamburg
BAY RUM—4 dms, A Cajicas, Angelina, Arroyo
BRISTLES—12 cs, F W Von State, American Banker, London
26 cs, American Banker, London
38 cs, Chesnutt, Cooper & Co, American Banker, London
21 cs, Iwai & Co, Nojima, Kobe
50 cs, Nojima, Tientsin
87 cs, Corn Exchange Bank Trust Co, Nojima, Mukden
90 cs, Guaranty Trust Co, Nojima, Tientsin
100 cs, Bank of Manhattan, Nojima, Tientsin
69 cs, Corn Exchange Bank Trust Co, Nojima, Tientsin
5 cs, Globe Shipping Co, Hansa, Hamburg
12 cs, Hansa, Bremen
3 cs, 6 bbls, Draeger Shipping Co, President Harding, Hamburg
BRONZE POWDER—5 cs, Heemsoth, Kerner Corp, Hansa, Hamburg
1 cs, Globe Shipping Co, Hansa, Hamburg
BUCKTHORN BERRIES—17 bgs, Amtorg Trading Corp, President Harding, Hamburg
BURDOCK ROOT—110 bls, Koenigstein, Antwerp
CAMPHOR, CRUDE—504 cs, Mitsui & Co, Nojima, Keelung
CANTHARIDES—10 cs, Nojima, Canton
CAPSICUM—69 bgs, J L Hopkins & Co, Mahseer, Colombo
CARAWAY SEED—100 bgs, 11,000 lbs, Statendam, Rotterdam
700 bgs, 77,000 lbs, Catz American Co, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, L Gronowitz, Spaarndam, Rotterdam
CAROB—370 bgs, Irving Trust Co, Saturnia, Trieste
MEAL—100 bgs, Samaria, Liverpool
CASEIN—134 bgs, D C Andrews & Co, Hansa, Hamburg
CASSIA, ROLLS—504 bls, Nojima, Hongkong
CASTOR BEANS—3,388 bgs, Trione, Bahia
5,247 bgs, Baker Castor Oil Co, Santarem, Rio de Janeiro
5,422 bgs, Santarem, Bahia
3,747 bgs, Baker Castor Oil Co, Santarem, Santos
5,818 bgs, Central Hanover Bank Trust Co, Santarem, Santos
17,336 bgs, Santarem, Santos
1,666 bgs, Cape Corso, Parnahyba
1,685 bgs, Cape Corso, Ceara
1,695 bgs, Wessel, Duval & Co, Cape Corso, Bahia
3,416 bgs, W R Grace & Co, Cape Corso, Bahia
1,700 bgs, Baker Castor Oil Co, Cape Corso, Bahia
1,694 bgs, Cape Corso, Bahia
1,693 bgs, Cape Corso, Pernambuco
CHALK—188 bgs, 33,088 lbs, Hansa, Hamburg
25 cs, Baker & Co, President Harding, Hamburg
PRECIPITATED—200 cks, 500 bgs, 25 bbls, H J Baker & Bros, Samaria, Liverpool
CHEMICALS—25 bbls, Philip Bauer Co, Statendam, Rotterdam
35 dms, 10 cs, Michel Export Co, Statendam, Rotterdam
3 cks, Robinson, Wagner Co, Statendam, Rotterdam
10 cs, Kronfeld, Saunders & Co, Statendam, Rotterdam
20 bbls, Bergstrom Trading Co, Kungsholm, Gothenburg
63 cs, Mallinckrodt Chemical Works, Kungsholm, Gothenburg
10 cks, Advance Solvents & Chemical Co, Spaarndam, Rotterdam
CHEMICALS—40 cs, Spaarndam, Rotterdam
5 bbls, L H Lang, Spaarndam, Rotterdam
6 cks, Jungmann & Co, Spaarndam, Rotterdam
30 cks, American Cyanamid & Chemical Co, Spaarndam, Rotterdam
40 kegs, R J Prentiss & Co, Spaarndam, Rotterdam
150 dms, Th Goldschmidt Corp, Spaarndam, Rotterdam
10 cks, 16 cs, Merck & Co, Spaarndam, Rotterdam
500 bgs, 150 cks, Robinson, Wagner Co, Spaarndam, Rotterdam
5 cks, Gallagher & Ascher, Laconia, Liverpool
6 cks, Lo Curto & Funk, American Banker, London
13 cks, 5,394 lbs, Hansa, Hamburg
1,016 bgs, 224,862 lbs, Advance Solvents & Chemical Co, Hansa, Hamburg
60 bbls, 35,640 lbs, P C Kuyper Co, Hansa, Hamburg
10 dms, 2,376 lbs, Hansa, Hamburg
125 crbys, 16,973 lbs, Advance Solvents & Chemical Co, Hansa, Hamburg
100 dms, 12,034 lbs, Hansa, Hamburg
72 dms, 7 cs, Senefelder Co, Hansa, Hamburg
1 cs, Magnus, Mabee & Reynard, Hansa, Hamburg
5 cs, Schimmel & Co, Hansa, Hamburg
5 cks, 2,250 lbs, E M Sergeant Pulp & Chemical Co, Hansa, Hamburg
1 cs, 165 lbs, Campbell Product, Inc, Hansa, Hamburg
160 bbls, 47,520 lbs, Hansa, Hamburg
20 cks, Hummel Chemical Co, Hansa, Bremen
204 bgs, 305 cks, E M Sergeant Pulp & Chemical Co, Hansa, Bremen
19 cks, Stanley Doggett, Hansa, Bremen
20 cs, Pfaltz & Bauer, Hansa, Bremen
27 cks, Hansa, Bremen
125 cks, 50,125 lbs, Reichard-Coulston, Hansa, Bremen
125 cks, 59,125 lbs, C J Osborn & Co, Hansa, Bremen
100 cks, 48,184 lbs, Innis, Speiden & Co, Hansa, Bremen
150 bgs, 33,135 lbs, Hansa, Bremen
28 cks, Innis, Speiden & Co, Transylvania, Glasgow
CHILLIES—180 bgs, Chincha, Mombasa
69 bgs, Mahseer, Port Sudan
118 bgs, B H Old & Co, Myrtlebank, Port Sudan
113 bgs, Myrtlebank, Port Sudan
CHLORMETHYL—15 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
CHROME ORE—2,017 tons, E J Lavino & Co, Chincha, Lourenco Marques
2,000 tons, E J Lavino & Co, Chincha, Beira
1 car, Seatrain Havana, Havana
CINCHONA BARK—68 bls, New York Quinine & Chem Works, Spaarndam, Rotterdam
64 bls, E Mosheim & Co, Santa Maria, Guayaquil
24 bls, Myrtlebank, Colombo
30 bls, A D Messayeh, Santa Maria, Paita
PRODUCTS—16 cs, R W Greeff & Co, Spaarndam, Rotterdam
CINCHONINE SULPHATE—10 pkgs, New York Quinine & Chem Works, Spaarndam, Rotterdam
CINNAMON QUILLS—80 bls, Carr Bros, Lossiebank, Colombo
170 bls, Lossiebank, Colombo
CLAY—600 bgs, W Manley, Hansa, Hamburg
15 cks, Hansa, Bremen
CLOVES—750 bls, Chincha, Zanzibar
COALDUST—8 dms, Spaarndam, Rotterdam
COALTAR DERIVATIVE—10 cks, General Aniline Works, Spaarndam, Rotterdam
DISTILLATE—6 dms, 1 cs, Monsanto Chem Co, Samaria, Liverpool
INTERMEDIATES—12 dms, 82 cks, General Dyestuff Corp, Statendam, Rotterdam
15 cks, General Aniline Works, Spaarndam, Rotterdam
61 dms, 31 cks, 19 jugs, General Dyestuff Corp, Spaarndam, Rotterdam
4 dms, 1 cs, 1 ck, Sandoz Chem Works, Hansa, Hamburg
8 cks, Ciba Co, Hansa, Hamburg
1 can, Carbic Color & Chem Co, Hansa, Hamburg
54 cks, General Aniline Works, Hansa, Bremen
PRODUCT—6 cs, Allondon S A, Hansa, Hamburg
COCOA BEANS—3,000 bgs, Bankers Trust Co, Trione, Ilheos
2,000 bgs, Bank of London South America, Trione, Ilheos
7,000 bgs, Trione, Ilheos
500 bgs, Trione, Bahia
25 bgs, Grenada, La Ceiba
8,495 bgs, W & A Leaman, Spaarndam, Rotterdam
12 bgs, Mecke & Co, Lara, Maracaibo
60 bgs, Lopez & Mangual, Lara, Maracaibo
500 bgs, Antofagasta, Guayaquil
299 bgs, Pablo Calvet Co, Antofagasta, Bahia
400 bgs, Barclay Bank, Brosund, British West Indies
140 bgs, Amazone, Porto Cabello
157 bgs, Transmarine Merc Corp, Haiti, Cape Haitien
300 bgs, W Hawes Co, Veragua, Pt Limon
200 bgs, Middleton & Co, Veragua, Pt Limon
100 bgs, Curacao Trading Co, Veragua, Pt Limon
300 bgs, Veragua, Pt Limon
1,600 bgs, Curacao Trading Co, Borinquen, Ciudad
200 bgs, Santa Maria, Guayaquil
250 bgs, Wessel, Kulenkampf & Co, Almena, Ciudad
250 bgs, National City Bank, Almena, San Pedro
250 bgs, Gillespie & Co, Almena, La Romana
3,500 bgs, Machado & Co, Almena, Sanchez
500 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
500 bgs, Curacao Trading Co, Almena, Sanchez
500 bgs, Chincha, Port Spain
250 bgs, Royal Bank of Canada, Chincha, Port Spain
314 bgs, Porcella, Vicini & Co, Almena, Porto Plata
750 bgs, Curacao Trading Co, Almena, Porto Plata
157 bgs, Toloa, Cristobal
3,835 bgs, Balfour, Guthrie & Co, West Kebar, Winneba
COCOA BEANS—575 bgs, Balfour, Guthrie & Co, West Kebar, Lome
8,520 bgs, Balfour, Guthrie & Co, West Kebar, Takoradi
4,000 bgs, Balfour, Guthrie & Co, West Kebar, Cape Coast
3,815 bgs, Balfour, Guthrie & Co, West Kebar, Saltpond
23,268 bgs, Balfour, Guthrie & Co, West Kebar, Accra
798 bgs, Balfour, Guthrie & Co, West Kebar, Sassandra
600 bgs, Curacao Trading Co, San Juan, Macoris
COCOABUTTER—20 cs, R W Greeff & Co, Spaarndam, Rotterdam
COCONUTS—50 bgs, 5,000 lbs, American Lime Corp, Angelina, San Juan
49 bgs, 4,900 lbs, W M Church, Angelina, San Juan
1,336 bgs, 133,600 lbs, Franklin Baker Co, Angelina, San Juan
302 bgs, 30,200 lbs, General Foods, Inc, Musa, Puerto Castilla
745 bgs, 74,500 lbs, Fruit Dispatch Co, Musa, Puerto Cortes
1,390 bgs, 139,000 lbs, Durkee Famous Foods, Brosund, British West Indies
300 bgs, 30,000 lbs, General Foods, Inc, Cristobal, Cristobal
950 bgs, 98,900 lbs, I L Toledano Corp, Cristobal, Cristobal
2,559 bgs, 255,900 lbs, A W Leakway Co, Haiti, Kingston
1,675 bgs, 167,500 lbs, General Foods, Inc, Haiti, Kingston
200 bgs, 20,000 lbs, J A Manton, Haiti, Kingston
240 bgs, 24,000 lbs, Universal Import & Export Co, Haiti, Kingston
5 bgs, 500 lbs, T S Maynard & Sons, Haiti, Haiti
16 bs, 1,600 lbs, Park, Holtorf & Co, Haiti, Kingston
168 bgs, Lundt & Co, Almena, Sanchez
COLCHICUM ROOT—8 bgs, Saturnia, Trieste
SEED—2 bgs, Saturnia, Trieste
COLORS—8 cks, C J Osborn & Co, Spaarndam, Rotterdam
COALTAR—2 kgs, General Dyestuff Corp, Spaarndam, Rotterdam
DRY—2 cs, American Express Co, American Traveler, Liverpool
EARTH—56 cks, Reichard, Coulston, Hansa, Hamburg
35 cks, Calco Chem Co, Hansa, Bremen
LEAD—16 cks, Wedeman, Godknecht, Inc, Koenigstein, Antwerp
PIGMENT—4 jugs, General Dyestuff Corp, Statendam, Rotterdam
POTTERS—1 cs, American Express Co, American Traveler, Liverpool
COLUMBITE—400 bgs, W H Sneath, West Kebar, Harcourt
COPPER, CYANIDE—200 dms, Koenigstein, Antwerp
CHLORIDE—9 cks, General Aniline Works, Spaarndam, Rotterdam
COPPERAS—25 cs, 5,968 lbs, Schenker & Co, Hansa, Hamburg
COPAIBA BALSAM—150 cs, Geo Uhe Co, Cape Corso, Manaos
COTTON LINTERS—28 bls, Santarem, Santos
59 bls, Panuco, Tampico
CRESOL—3 kgs, Monsanto Chem Co, American Traveler, Manchester
CUTCH—1,000 cs, Sig Saxe, Maron, Singapore
CUTTLEFISH BONES—70 cs, R Moelhausen, Aquitania, Southampton
DRUGS, CRUDE—2 cs, National Carloading Corp, Hansa, Hamburg
5 cs, Hansa, Hamburg
DYES—14 cks, Ozalid Co, Spaarndam, Rotterdam
ALIZARIN—48 jugs, 34 cks, General Dyestuff Corp, Statendam, Rotterdam
59 dms, 55 cks, General Dyestuffs Corp, Spaarndam, Rotterdam
2 cks, E I Du Pont de Nemours & Co, Laconia, Liverpool
ANILIN—32 dms, 3 cs, 121 cks, General Dyestuff Corp, Statendam, Rotterdam
2 cs, 34 dms, 155 cks, General Dyestuff Corp, Spaarndam, Rotterdam
21 bbls, Carbic Color & Chem Co, American Banker, London
24 cks, Ciba Co, American Traveler, Manchester
33 dms, Sandoz Chem Works, Hansa, Hamburg
87 cks, Ciba Co, Hansa, Hamburg
50 cks, Geigy Co, Hansa, Hamburg
37 kgs, Carbic Color & Chem Co, Hansa, Hamburg
2 cks, 1 pkg, General Dyestuff Corp, Hansa, Bremen
6 jugs, 77 cks, Carbic Color & Chem Co, President Harding, Hamburg
1 dm, E I Du Pont de Nemours & Co, Samaria, Liverpool
DYEWOOD, CUTTED—6 bls, Peek & Velsor, Saturnia, Trieste
5 bgs, Allaire, Woodward & Co, Saturnia, Trieste
EGG YOLK, HEN—112 cs, Consumers Import Co, Nojima, Tientsin
336 cs, Nojima, Tientsin
ERGOT—20 cs, 2,728 lbs, Hansa, Hamburg
EYEBRIGHT HERBS—2 bls, Saturnia, Trieste
FERTILIZER—100 bgs, F B Vandegrift & Co, American Banker, London
NITRATE PHOSPHATE—1,000 bgs, Synthetic Nitrogen Product Corp, Spaarndam, London
FILTER MATERIAL—18 cs, Gerhard & Hey, Hansa, Bremen
PAPER—13 cs, H Reeve Angel & Co, American Banker, London
34 pkgs, H Reeve Angel & Co, Aquitania, Southampton
FLAXSEED—6,648 tons, 265,920 bus, Archer-Daniels-Midland Co, Fureby, Rosario
FULLER'S EARTH—200 bgs, L A Salomon & Bros, American Banker, London
GAMBIER—436 bgs, Lossiebank, Singapore
GELATIN—42 cs, 67 cks, American Express Co, Hansa, Hamburg
18 cs, Dingelstedt & Co, Hansa, Hamburg
POWD—126 bgs, R D McLellan, Spaarndam, Rotterdam
GLASS, WINDOW—630 cs, Semon, Bache & Co, American Banker, London
22 cs, Leo Popper & Son, Koenigstein, Antwerp
55 cs, Semon, Bache & Co, President Harding, Hamburg
20 cs, Manufacturers Trust Co, President Harding, Hamburg
13 cs, Schrenk & Co, Samaria, Liverpool
GLUE—200 bgs, L H Lang, Statendam, Rotterdam
20 bgs, G H Hemmel, Laconia, Liverpool
457 bgs, Saturnia, Trieste
BONE—200 bgs, National Adhesive Corp, Statendam, Rotterdam
500 bgs, Saturnia, Trieste
DRY—392 bgs, Dingelstedt & Co, Hansa, Bremen
GLUE, FISH, LIQUID—25 cs, E F Bullebarger, Transylvania, Glasgow
GLUESTOCK—348 bgs, American Express Co, Samaria, Liverpool
GLYCERIN—49 cks, Spaarndam, Rotterdam
2 cs, American Banker, London
GRAPHITE—8 bgs, 800 lbs, F Rudloff, Hansa, Hamburg
250 bgs, Asbury Graphite Mills, Myrtlebank, Colombo
100 bgs, National City Bank, Myrtlebank, Colombo
300 bgs, Bank of Manhattan, Myrtlebank, Colombo
GREASE, WOOL—5 bbls, 1 ton, 2 qtrs, 26 lbs, Laconia, Liverpool
150 dms, 32 tons, 7 cwt, 1 qtr, 25 lbs, Hummel Chemical Co, Laconia, Liverpool
GUM, ARABIC—150 bgs, Innis, Speiden & Co, Mahseer, Port Sudan
75 bgs, Frank Vliet Co, Hansa, Hamburg
150 bgs, T M Duche & Sons, Myrtlebank, Port Sudan
150 bgs, Orbis Product Corp, Myrtlebank, Port Sudan
250 bgs, Innis, Speiden & Co, Myrtlebank, Port Sudan
50 bgs, Thurston & Braidich, Myrtlebank, Port Sudan
BENZOIN—15 cs, 1,731 lbs, W E Martin, Hansa, Hamburg
CHICLE—2,654 bls, Mexican Exploitation Co, Panuco, Progreso
COPAL — 70 bgs, Stroock & Wittenberg, Maron, Singapore
70 bgs, G W S Patterson & Co, American Banker, London
435 bgs, O G Innes Corp, Koenigstein, Antwerp
DAMMAR—70 bgs, O G Innes Corp, Maron, Singapore
70 bgs, France, Campbell & Darling, Maron, Singapore
100 cs, W H Scheel, Lossiebank, Batavia
650 cs, 550 bgs, Thurston & Braidich, Lossiebank, Batavia
TALHA—300 bgs, [illegible] nkel & Co, Myrtlebank, Port Sudan
GYPSUM—3,475 tons, U S Gypsum Co, Gypsum Prince, Windsor
5,925 tons, U S Gypsum Co, Gypsum Queen, Windsor
CALCINED—421 bgs, 17 tons, 17 cwt, 11 lbs, Laconia, Liverpool
183 bgs, L A Solomon & Bro, American Traveler, Manchester
HERBS, MEDICINAL—40 bls, 11,000 lbs, Hansa, Hamburg
10 bls, Saturnia, Trieste
27 bls, S B Penick & Co, Saturnia, Trieste
1 bl, Hansa, Hamburg
5 bls, J L Hopkins & Co, Saturnia, Trieste
HOPS—100 bls, City of Fairbury, Gdynia
69 bls, Ludwig Baer, Spaarndam, Rotterdam
81 bls, Bode & Voight, Hansa, Hamburg
124 bls, Atlantic Forwarding Co, Hansa, Hamburg
24 bls, Ludwig Baer, Hansa, Hamburg
150 bls, W J Honan, Hansa, Hamburg
155 bls, I S Steiner, Hansa, Hamburg
111 bls, R F Downing & Co, Hansa, Hamburg
30 cyl, Atlantic Forwarding Co, Hansa, Hamburg
7 bls, American Shipping Co, Koenigstein, Antwerp
70 bls, Heemsoth, Kerner Corp, Saturnia, Trieste
100 bls, R F Downing & Co, Pilsudski, Gdynia
69 bls, Pilsudski, Gdynia
10 bls, B Schwarz & Son, President Harding, Hamburg
35 bls, R F Downing & Co, President Harding, Hamburg
40 bls, S S Steiner, President Harding, Hamburg
20 cs, Clemens, Horst Co, President Harding, Havre
ILMENITE SAND—2,150 tons, Titanium Pigment Co, Tampa, Colachel
INDIGO—5 dms, General Dyestuff Corp, Spaarndam, Rotterdam
IRON ORE—64 dms, 90 bgs, Reichard Coulston, Laconia, Liverpool
OXIDE—2 cks, Chase Natl Bank, Spaarndam, Rotterdam
20 cs, J A McNulty, American Traveler, Manchester
90 bgs, Reichard Coulston, American Traveler, Liverpool
40 bgs, Samaria, Liverpool
ISINGLASS—2 cs, C H Reisig, Samaria, Liverpool
LAVENDER FLOWERS—2 bgs, Yardley & Co, American Banker, London
LIQUID AMBAR—12 drs, Eggers & Heinlein, Cristobal, Central Amer Ports
LITHOPONE—600 cks, Benj Moore & Co, Spaarndam, Rotterdam
LYCOPODIUM—6 cs, J L Hopkins & Co, Hansa, Hamburg
MACE—25 cs, Knickerbocker Mills Co, Maron, Belawan Deli
2 cs, T Scott & Co, Brosund, British West Indies
4 cs, P H Petry & Co, Brosund, British West Indies
MAGNESIA, CARBONATE—65 cks, 50 bgs, Schofield, Donald Co, Samaria, Liverpool
MANGANESE, CHLORIDE—20 cks, American Cyanamid & Chem Co, Transylvania, Glasgow
ORE—80 cks, 47,614 lbs, Hansa, Hamburg
3 bgs, Myrtlebank, Colombo
MANGROVE BARK EXTRACT — 1,000 bgs, Maron, Singapore
MANIOC FLOUR—600 bgs, Santarem, Rio Janeiro
500 bgs, Cape Corso, Parnahyba
MEDICINAL PREPS—75 cs, Spaarndam, Rotterdam
9 cs, Burroughs, Wellcome & Co, American Banker, London
MENTHOL—40 cs, Bridges, Neumer & Co, Nojima, Kobe
50 cs, Orbis Product Corp, Nojima, Kobe
15 cs, Royal Bank of Canada, Nojima, Kobe
MERCURY, ARSENATE—1 dm, International Paint Composition Co, American Traveler, Manchester
OLEATE—1 dm, International Paint & Composition Co, American Traveler, Manchester
METHYLLAURIN—60 dms, General Aniline Works, Spaarndam, Rotterdam
MICA—173 cs, Mahseer, Calcutta
BLOCK—3 cs, American Banker, London
25 cs, Mahseer, Calcutta
36 cs, Tampa, Calcutta
18 cs, Philadelphia Natl Bank, Myrtlebank, Calcutta
DISC—2 cs, Tampa, Calcutta
FILM—31 cs, Tampa, Calcutta
SPLITTINGS—200 cs, Mahseer, Calcutta
120 cs, Tampa, Calcutta
14 cs, E J Cornelis, Myrtlebank, Calcutta

MILK POWD—500 bgs, 320 bbls, 25 cs, Statendam, Rotterdam
100 cs, 950 bgs, Spaarndam, Rotterdam
MINERAL, VIOLET—12 cks, E I Du Pont de Nemours & Co, Spaarndam, Rotterdam
MOLASSES—13,360 tons, Atheiknight, Tegal
MUSTARD SEED—50 bgs, Levy & Levis Co, City of Fairbury, Gdynia
500 bgs, Catz American Co, Spaarndam, Rotterdam
40 bgs, Golden Packing Co, Argosy, Copenhagen
150 bgs, Hansa, Hamburg
MYROBALANS—650 bgs, National City Bank, Mahseer, Calcutta
4,650 bgs, Tampa, Calcutta
NAPHTHALENE—600 bgs, Associated Metals & Mineral Corp, Spaarndam, Rotterdam
NUTGALLS—40 bgs, Saturnia, Trieste
NUTMEGS—200 bgs, Brosund, British West Indies
25 cs, Van Loan & Co, Lossiebank, Singapore
OCHER—200 bgs, Chincha, Capetown
60 bgs, 35 dms, Reichard-Coulston, Laconia, Liverpool
OILCAKE—1,500 bgs, Nojima, Osaka
OIL, ANISE—5 dms, American Banker, London
CAMPHOR—10 dms, Bank of Manhattan, Nojima, Keelung
CASSIA—20 dms, Brown Bros Harriman Co, Nojima, Hongkong
10 dms, National City Bank, Nojima, Hongkong
10 dms, Philadelphia Nat Bank, Nojima, Hongkong
10 cs, Nojima, Hongkong
CHINAWOOD—60 tons, Balfour, Guthrie & Co, Lossiebank, Hankow
CINNAMON LEAF—4 dms, National City Bank, Myrtlebank, Colombo
1 dm, J H Vavasseur & Co, Myrtlebank, Colombo
CITRONELLA—12 dms, Maron, Batavia
COCONUT—501 tons, Wecoline Prod Co, Lossiebank, Manila
70 cyls, Lossiebank, Colon
COD—100 cks, Martin Dennis Co, Fort Amherst, St John
300 cks, Balfour, Guthrie & Co, President Harding, Hamburg
CODLIVER—125 dms, Kachurin Drug Co, Spaarndam, Rotterdam
150 dms, Hansa, Hamburg
CORIANDER—1 cs, Magnus, Mabee & Reynard, American Banker, London
1 cs, Yardley & Co, American Banker, London
1 cs, Hansa, Hamburg
CORN—200 dms, Corn Product Refining Co, Statendam, Rotterdam
160 dms, Corn Product Refining Co, American Banker, London
250 dms, Corn Product Refining Co, Hansa, Hamburg
60 dms, Corn Product Refining Co, Transylvania, Glasgow
200 dms, Koenigstein, Antwerp
COTTONSEED—536 dms, Cape Corso, Natal
CROTON—3 cs, 523 lbs, Hansa, Hamburg
ESSENTIAL—15 dms, Musa, Porto Barrios
20 cs, Spaarndam, Rotterdam
2 cs, American Banker, London
10 cs, Hansa, Hamburg
FUEL—54,000 bbls, Asiatic Petroleum Corp, San Salvador, Tampico
71,000 bbls, Asiatic Petroleum Corp, San Alvaro, Tampico
96,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
GERANIUM—2 dms, Mahseer, Port Said
HELICHRYSUM—1 cs, Saturnia, Trieste
LAUREL—3 cs, Magnus, Mabee & Reynard, Saturnia, Trieste
1 bbl, Saturnia, Trieste
LINSEED—3 cs, 3 cwt, 3 qtrs, B F Drakenfeld & Co, Laconia, Liverpool
LUBRICATING—50 bbls, Koenigstein, Antwerp
MINERAL—140 dms, Hansa, Hamburg
2 cns, Weiss Forwarding Co, Hansa, Hamburg
5 cs, Heemsoth, Kerner Corp, Hansa, Hamburg
100 cyls, Atlantic Refining Co, President Harding, Havre
OITICICA—494 dms, Cape Corso, Ceara
OLIVE—40 bbls, V D Avino, Saturnia, Naples
56 cs, Saturnia, Naples
ORANGE—10 cs, Toloa, Kingston
PALM—545 tons, Guaranty Trust Co, Maron, Belawan Deli
41 cks, Balfour, Guthrie & Co, Hansa, Hamburg
58 dms, Balfour, Guthrie & Co, West Kebar, Calabar
50 dms, Welch, Holme & Clark, Samaria, Liverpool
RESIDUE—12 cs, J E Bernard & Co, Hansa, Hamburg
SAGE—2 cks, 10 cs, Dodge & Olcott Co, Saturnia, Trieste
3 bbls, Saturnia, Trieste
SAVIN—5 cs, Magnus, Mabee & Reynard, Saturnia, Trieste
SESAME—209,921 kilos, Southern Oil Co, Spaarndam, Rotterdam
25 cks, W C Littauer, President Harding, Hamburg
SOYBEAN—10 dms, Hass Bros, City of Fairbury, Copenhagen
SPERM—90 dms, Transylvania, Glasgow

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OIL, TEASEED—50 dms, W R Grace & Co, Nojima, Hongkong
PAINT—480 dms, International Paint & Composition Co, American Traveler, Manchester
PAPAIN—40 cs, Carter, Cummings & Co, Lossiebank, Colombo
13 cs, Myrtlebank, Colombo
PAPRIKA—25 bgs, Hansa, Hamburg
65 bgs, Villar & Osorio, Hansa, Hamburg
300 bgs, Van Loan & Co, Hansa, Bremen
50 bgs, Hudson Tea & Spice Co, Saturnia, Trieste
110 bgs, Avery F Payne, President Harding, Hamburg
20 cs, National City Bank, President Harding, Hamburg
PARAFFIN—1 cs, Akatos, Inc, Hansa, Hamburg
PEATMOSS—200 bls, Half Moon Mfg & Trading Co, Statendam, Rotterdam
1,500 bls, Premier Peatmoss Corp, Spaarndam, Rotterdam
3,564 bls, Premier Peatmoss Corp, Argosy, Copenhagen
PEPPER, BLACK—891 bgs, Java Sumatra Hvg, Maron, Batavia
162 bgs, Daarnhouwer & Co, Maron, Batavia
2,430 bgs, Otto Gerdau Co, Maron, Oosthaven
243 bgs, Irving Trust Co, Lossiebank, Batavia
4,941 bgs, Lossiebank, Batavia
1,053 bgs, Stein, Hall & Co, Lossiebank, Telok Betong
1,508 bgs, Lossiebank, Telok Betong
1,396 bgs, Lossiebank, Oosthaven
WHITE—243 bgs, Commercial Natl Bank Trust Co, Lossiebank, Batavia
324 bgs, Lossiebank, Batavia
PEPPERMINT LEAVES—108 cs, Amtorg Trading Corp, President Harding, Hamburg
PERU BALSAM—19 cs, McKesson & Robbins, Cristobal, Central American ports
PETROLEUM, SULPHONATED—17 bbls, 6,483 lbs, Hansa, Hamburg
PIMENTO—300 bgs, Haiti, Kingston
PLASTER—21 bgs, L A Salomon & Bro, American Traveler, Manchester
POPPYSEED—100 bgs, 11,000 lbs, Statendam, Rotterdam
50 bgs, 5,500 lbs, Louis Ender, Statendam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Statendam, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Spaarndam, Rotterdam
250 bgs, 27,500 lbs, C M Van Sillevoldt, Spaarndam, Rotterdam
POTASH, CAUSTIC—85 dms, 45,826 lbs, H A Gogarty & Co, Hansa, Hamburg
MURIATE—91,500 kilos, N V Potash Export My, Hansa, Hamburg
200 bgs, N V Potash Export My, Koenigstein, Antwerp
PYRETHRUM FLOWERS—377 bls, Chincha, Mombasa
125 bls, Brooklyn Trust Co, Nojima, Otaru
PYRIDIN—10 kgs, Monsanto Chem Co, American Traveler, Manchester
QUICKSILVER—100 flasks, American Banker, London
250 flasks, Saturnia, Trieste
600 flasks, Guaranty Trust Co, Saturnia, Trieste
80 flasks, Chase Nat Bank, Panuco, Tampico
QUINIDINE SULPHATE—10 pkgs, New York Quinine & Chem Works, Spaarndam, Rotterdam
ROOT, MEDICINAL—12 bls, R D Hines, Hansa, Hamburg
23 bls, 2,794 lbs, R D Hines, Hansa, Hamburg
22 bls, Peek & Velsor, Saturina, Trieste
72 bls, S B Penick & Co, Saturina, Trieste
12 bls, Allaire, Woodward & Co, Saturnia, Trieste
10 bls, J L Hopkins & Co, Saturnia, Trieste
SAGO FLOUR—298 bgs, Lossiebank, Singapore
1,600 bgs, Chase Natl Bank, Nojima, Singapore
SALTPETER—272,200 kilos, Chilean Nitrate Sales Corp, Antofagasta, Iquique
SAPONIN—2 cs, 330 lbs, Rohner, Gehrig & Co, Hansa, Bremen
SEED, MEDICINAL—R D Hines, Hansa, Hamburg
6 bgs, Amtorg Trading Corp, President Harding, Hamburg
SENNA LEAVES—100 bls, Myrtlebank, Colombo
SHELLAC—60 cs, 18 bgs, A Hurst & Co, Spaarndam, Rotterdam
25 bgs, Argenti & Co, Mahseer, Calcutta
100 bgs, Brown Bros Harriman Co, Mahseer, Calcutta
125 cs, Guarantee Trust Co, Mahseer, Calcutta
50 cs, Manufacturers Trust Co, Mahseer, Calcutta
50 bgs, 24 cs, Philadelphia Natl Bank, Mahseer, Calcutta
700 bgs, E E Androvette, Mahseer, Calcutta
200 bgs, Alfred Kramer & Co, Mahseer, Calcutta
100 bgs, Mahseer, Calcutta
55 cs, A Hurst & Co, Hansa, Hamburg
BUTTON LAC—50 bgs, Mahseer, Calcutta
GARNET LAC—50 bgs, Wm Zinsser & Co, Mahseer, Calcutta
SEEDLAC—400 bgs, National City Bank, Mahseer, Calcutta
100 bgs, E E Androvette, Mahseer, Calcutta
200 bgs, Wm Zinsser & Co, Mahseer, Calcutta
100 bgs, Chase Natl Bank, Mahseer, Calcutta
400 bgs, Brown Bros Harriman Co, Mahseer, Calcutta
500 bgs, Alfred Kramer & Co, Mahseer, Calcutta
400 bgs, Alfred Kramer & Co, Mahseer, Calcutta
STICKLAC—1 cs, Mahseer, Calcutta
SILICA, SAND—100 bgs, 5 tons, L A Salomon & Bros, Laconia, Liverpool
101 bgs, L A Salomon & Bro, Samaria, Liverpool
SLOE BERRIES—90 bgs, 17,424 lbs, Guaranty Trust Co, Hansa, Hamburg

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SOAP—8 cs, Titan Shipping Co, American Banker, London
40 cs, R & G, Inc, President Harding, Havre
MILLINGS—45 cs, Yardley & Co, American Banker, London
SOFT—10 dms, J Fyfe, Transylvania, Glasgow
SODA, HYDROSULPHITE—100 kegs, 5 tons, 15 cwt, 1 qtr, 16 lbs, Philipp Bros, Laconia, Liverpool
70 dms, 16,632 lbs, Hansa, Hamburg
NITRATE—7,360 bgs, Chilean Nitrate Sales Corp, Antofagasta, Tocopilla
317,600 kilos, Chilean Nitrate Sales Corp, Antofagasta, Tocopilla
90,700 kilos, Chilean Nitrate Sales Corp, Antofagasta, Iquique
SULPHATE—250 bgs, 550 cks, Advance Solvents & Chemical Co, Koenigstein, Antwerp
SOLVENTS—205 dms, C P Chemical Solvent Co, Angelina, Arroyo
SPONGES—39 bls, Siboney, Havana
42 bls, Santa Maria, Havana
6 bls, Saturnia, Patras
32 bls, Munargo, Nassau
REFUSE—22 bls, Santa Maria, Havana
42 bls, Johns-Manville Corp, Munargo, Nassau
22 bls, Munargo, Nassau
STARCH, POTATO—50 bgs, L A Salomon & Bros, Statendam, Rotterdam
425 bgs, Stein, Hall & Co, Statendam, Rotterdam
RICE—25 bbls, Habicht, Braun & Co, Hansa, Bremen
SOLUBLE—50 bgs, Morningstar Nicol, Spaarndam, Rotterdam
STRAWBERRY LEAVES—1 bl, Saturnia, Trieste
SULPHUR PREC—20 cks, 5 tons, 19 cwt, 7 lbs, Mallinckrodt Chemical Works, Samaria, Liverpool
TALC—336 bgs, C B Chrystal & Co, Nojima, Dairen
6 bgs, Charles Mathieu, President Harding, Hamburg
TALLOW, VEGETABLE—152 cs, Royal Bank of Canada, Cape Corso, Para
TANKAGE—300 bgs, Hollinghurst & Co, City of Fairbury, Copenhagen
TANNING EXTRACT—1 cs, Monsanto Chem Co, American Traveler, Liverpool
1 ck, Geigy Co, Hansa, Hamburg
TAPIOCA, FLAKE—422 bgs, Stein, Hall & Co, Maron, Sourabaya
FLOUR—3,278 bgs, Stein, Hall & Co, Maron, Batavia
250 bgs, Chase National Bank, Maron, Batavia
3,745 bgs, Stein, Hall & Co, Maron, Sourabaya
1,070 bgs, Balfour, Guthrie & Co, Maron, Pamanoekan
1,000 bgs, H P Winter & Co, Maron, Batavia
45 bgs, R J Knoke, Maron, Batavia
750 bgs, Bank of New York Trust Co, Maron, Batavia
790 bgs, Chase National Bank, Lossiebank, Pasoeroean
2,757 bgs, National Adhesive Corp, Lossiebank, Pasoeroean
827 bgs, Lossiebank, Pasoeroean
1,000 bgs, Chase National Bank, Lossiebank, Tegal
900 bgs, Sina Java Handel, Lossiebank, Tegal
500 bgs, Bank of New York Trust Co, Lossiebank, Cheribon
1,000 bgs, Stein, Hall & Co, Lossiebank, Cheribon
250 bgs, Chase National Bank, Lossiebank, Cheribon
2,055 bgs, Stein, Hall & Co, Lossiebank, Batavia
SEED—97 bgs, Stein, Hall & Co, Maron, Sourabaya
TEAWASTE—1,505 bgs, Maywood Chem Works, Myrtlebank, Calcutta
TIMBO, POWDERED—20 cs, Joosten & Janssen, Cape Corso, Para
210 cs, Cape Corso, Para
ROOT—200 bgs, W R Grace & Co, Cape Corso, Manaos
TINCTORIAL EXTRACT—13 bbls, Morris Export Co, Statendam, Rotterdam
TOLU BALSAM—15 cs, Wessel, Duval & Co, Haiti, Puerto Colombia
TONKA BEANS—60 bbls, Irving Trust Co, Cape Corso, Para
9 cs, Cape Corso, Para
1 pkg, Wessel, Duval & Co, Cape Corso, Para
1 pkg, W Lee Simmonds & Co, Cape Corso, Para
TUNGSTEN ORE—500 bgs, Wah Chang Trading Corp, Nojima, Hongkong
TURMERIC FINGERS—68 bgs, Tampa, Madras
UMBER, BURNT—40 cks, Chase National Bank, Myrtlebank, Port Said
VOLCANIC ASH—200 bgs, Asbestos, Ltd, Spaarndam, Rotterdam
VANILLA BEANS—6 cs, Banca National de Mexico, Siboney, Vera Cruz
3 cs, Aquitania, Southampton
CUTS—6 cs, M Cortizas Co, Siboney, Vera Cruz
WATER, MINERAL—350 cs, D F Young, American Banker, London
WATTLE BARK, EXTRACT—506 bgs, Tannin Corp, Chincha, Durban
565 bgs, First National Bank of Boston, Chincha, Durban
535 bgs, Hammond & Carpenter, Chincha, Durban
WAX, ANIMAL—25 cs, Orbis Product Corp, American Banker, London
BEES—33 bgs, D. Steengrafe, Grenada, La Ceiba
48 bgs, D Steengrafe, Santaren, Rio de Janeiro
145 bgs, Santaren, Rio de Janeiro
2 bgs, Louis Goldey, Oriente, Havana
9 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
13 bgs, W M Allison & Co, Myrtlebank, Suez
37 bgs, Schutte & Focke, San Juan, Azua
29 bgs, Mecke & Co, San Juan, Azua
12 bgs, Lenape Trading Co, San Juan, Azua
CANDELILLA—27 bgs, E A Bromund Co, Panuco, Tampico
CARNAUBA—63 bgs, W M Allison & Co, Cape Corso, Parnahyba
63 bgs, American Cyanamid & Chem Co, Cape Corso, Parnahyba
189 bgs, Innis, Speiden & Co, Cape Corso, Parnahyba
250 bgs, W L Newberry, Cape Corso, Parnahyba
376 bgs, Strohmeyer & Arpe Co, Cape Corso, Parnahyba
112 bgs, Smith & Nichols, Cape Corso, Camocim
112 bgs, Innis, Speiden & Co, Cape Corso, Camocim
112 bgs, American Cyanamid & Chem Co, Cape Corso, Camocim
66 bgs, Strahl & Pitsch, Cape Corso, Ceara
22 cs, Philadelphia Natl Bank, Cape Corso, Ceara
56 bgs, Strohmeyer & Arpe Co, Cape Corso, Ceara
56 bgs, Bank of London South America, Cape Corso, Ceara
56 bgs, W M Allison Co, Cape Corso, Ceara
127 bgs, Cape Corso, Ceara
383 bgs, American Cyanamid & Chem Co, Cape Corso, Ceara
WAX, MINERAL—12 bgs, General Dyestuff Corp, Spaarndam, Rotterdam
MONTAN—115 bgs, General Dyestuff Corp, Spaarndam, Rotterdam
OZOKERITE—71 bgs, 8,034 lbs, Heemsoth, Kerner Corp, Hansa, Hamburg
234 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
VEGETABLE—15 bgs, A Hurst & Co, American Banker, London
17 bgs, Transylvania, Glasgow
YEAST—120 bbls, Vulkan Yeast Co, Hansa, Hamburg
10 kgs, Hansa, Hamburg
5 dms, National City Bank, Hansa, Hamburg
110 cks, Max Doerner, President Harding, Hamburg
100 dms, Guaranty Trust Co, President Harding, Hamburg
156 cs, L Solomon & Son, President Harding, Hamburg
22 cs, Schrenk & Co, President Harding, Hamburg
10 cs, Bienenfeld Import Corp, President Harding, Hamburg
2,252 cs, Vitrea Co, President Harding, Hamburg
ZINC CYANIDE—100 dms, Koenigstein, Antwerp
OXIDE—30 cks, State Chem Co, City of Fairbury, Gdynia
ZINC AMMONIA CHLORIDE—21 cks, 41 bbls, American Cyanamid & Chem Co, Koenigstein, Antwerp

New York Transit Imports

DRUGS—12 bls, Eli Lilly & Co, Saturnia, Trieste, Indianapolis
OIL, CHINAWOOD—350 tons, Werner G Smith & Co, Lossiebank, Hankow, Cleveland
COCONUT—499 tons, Procter & Gamble, Lossiebank, Manila, Cincinnati
SPONGES—12 bls, Santa Maria, Havana, London
7 bls, Munargo, Nassau, Kobe
3 bls, Munargo, Nassau, Osaka
11 bls, Munargo, Nassau, London
REFUSE—9 bls, Santa Maria, Havana, London
6 bls, Munargo, Nassau, Rotterdam
11 bls, Munargo, Nassau, Kobe
21 bls, Munargo, Nassau, Osaka
9 bls, Munargo, Nassau, London
TAR—10 dms, 2 tons, 13 cwt, 1 qtrs, 11 lbs, Oldbury Electro Chem Co, Samaria, Liverpool, Niagara

Baltimore Imports

CHROME ORE—700 tons, Exminster, Volo
FERROMANGANESE—400 cs, Kwanto, Yokohama
MOLASSES—848,131 gls, Cassimir, Manati 461,127 gls, Cassimir, Port Tarafa
OIL, FUEL—47,000 bbls, Standard Oil Co N J, Fagerfjell, Aruba
POTASH, CHLORATE—300 cs, Innis, Speiden & Co, Svaneholm, Gothenberg
PYRITES, IRON—6,351 tons, Leo Dawson, Huelva
SARDINE MEAL—1,000 bgs, Kwanto, Kobe
4,340 bgs, Venice, Kobe
4,000 bgs, Venice, Yokohama

Boston Imports

ACID, CRESYLIC—25 dms, American Cyanamid & Chemical Corp, American Traveler, Liverpool
BEEF EXTRACT—314 cs, 41,017 lbs, Armour & Co, West Selene, Montevideo
BLUE, PIGMENT—2 cs, 1 cwt, 1 qr, 26 lbs, D C Andrews Co, Samaria, Liverpool
ULTRAMARINE—4 cs, Stone & Downer, Burgerdijk, Rotterdam
BLACK, CARBON—1 dm, 117 lbs, E Billings, Independence Hall, Havre
BONES, GRANULATED—9,859 bgs, 881,960 lbs, West Selene, Buenos Aires
CALCIUM NITRATE—800,049 lbs, Synthetic Nitrogen Products Corp, Tungsha, Heroen
CARAWAY SEED—170 double bgs, 22,113 lbs, National City Bank, West Selene, Buenos Aires
50 bgs, J Sklar & Co, Burgerdijk, Rotterdam
CASEIN—334 bgs, 44,183 lbs, West Selene, Buenos Aires
CHEMICALS—1 cs, American Banker, London
12 cks, Burgerdijk, Rotterdam
14 dms, 14 cks, Advance Solvent & Chemical Co, Burgerdijk, Rotterdam
30 cks, American Cyanamid & Chemical Corp, Burgerdijk, Rotterdam
50 dms, 418 cbys, Burgerdijk, Rotterdam
COCOA BEANS—2,200 bgs, 330,690 lbs, Wood & Selik, West Selene, Bahia
3,000 bgs, 396,828 lbs, Bankers Trust Co, West Selene, Bahia
16,000 bgs, Walter Baker & Co, New Columbia, Accra
2,932 bgs, Cie Francaise de l'Afrique, Occidentale, New Columbia, Takoradi
3,200 bgs, Balfour Guthrie & Co, New Columbia
1,600 bgs, Balfour Guthrie & Co, New Columbia, Saltpond
1,600 bgs, Balfour Guthrie & Co, New Columbia, Cape Coast
2,000 bgs, Balfour Guthrie & Co, New Columbia, Takoradi
2,777 bgs, Balfour Guthrie & Co, New Columbia, Grand Bassam
3,080 bgs, Balfour Guthrie & Co, New Columbia, Port Bouet
6,156 bgs, Balfour Guthrie & Co, New Columbia, Grand Lahou
3,177 bgs, Balfour Guthrie & Co, New Columbia, Sassandra
CROCUS POWDER—2 bgs, Nicholson & Co, American Banker, London
DEXTRIN—50 bgs, Guaranty Trust Co, Burgerdijk, Rotterdam
EMERY FILLET—1 cs, Atkinson Haserick & Co, Samaria, Liverpool
1 cs, Atkinson Haserick & Co, American Traveler, Liverpool
4 cs, Joseph Sykes Bros, Samaria, Liverpool
1 cs, and 2 bgs, Nicholson & Co, American Banker, London
EXTRACTS—3 cs, Gustav Martin, American Traveler, Liverpool
FORMALDEHYDE SODA HYDROSULPHITE—100 kgs, Philipp Bros, Laconia, Liverpool
GAMBIER—167 bgs, American Cyanamid & Chemical Co, Lossiebank, Singapore
GLUESTOCK, FISH SCRAP—189 cs, J R Poole, Evangeline, Yarmouth
30 bxs, J A Rich, Evangeline, Yarmouth
20 bxs, J R Poole, Evangeline, Yarmouth
35 bgs, Rogers Isinglass & Glue Co, Evangeline, Yarmouth
HIDE CUTTINGS—198 bgs, 16 tons, 6 cwt, 1 gr, 8 lbs, Samaria, Liverpool
236 bgs, 17 tons, 3 cwt, 3 qrs, 12 lbs, Samaria, Liverpool
368 bgs, 25 tons, 16 cwt, 2 qrs, 4 lbs, Samaria, Liverpool
GUM, ARABIC—50 bgs, 11,243 lbs, Bank of New York & Trust Co, Myrtlebank, Port Sudan

GUM, CAROB BEANS—60 triple bgs, 3 tons, 1 cwt, 8 lbs, Samaria, Liverpool
INDUSTRIAL—75 cks, 50 bgs, 21 tons, 2 cwt, 1 qr, 22 lbs, J P Marston Co, Laconia, Liverpool
50 cks, 12 tons, 7 cwt, 3 qrs, 4 lbs, J P Marston Co, Samaria, Liverpool
IRON, OXIDE—135 bgs, 15 dms, Reichard Coulston, American Traveler, Liverpool
MAGNESIA, CARBONATE—224 bgs, 5 tons, 3 cwt, 2 qrs, Schaefeld Donald Co, Laconia, Liverpool
MICA SPLITTINGS—1,436 bgs, City of Eastbourne, Calcutta
250 cs, Mahseer, Calcutta
81 cs, American Banker, London
50 cs, Myrtlebank, Calcutta
250 cs, Guaranty Trust Co, Myrtlebank, Calcutta
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Burgerdijk, Rotterdam
NUTMEGS—50 bgs, Stickney & Poor Spice Co, Lady Hawkins, Grenada
OIL, COCOANUT—475 tons, Lever Bros, Anna Maersk, Manila
COD—30 dms, Marden Wild Corp, Evangeline, Yarmouth
200 cks, from Norway
CODLIVER—120 dms, Tungsha, Bergen
200 dms, Carleton & Hovey, Tungsha, Bergen
FISHLIVER—25 dms, American Banker, London
PALM—155 tons, Superintendence Co, New Columbia, Abonema
568 tons, Balfour Guthrie & Co, West Humshaw, Burutu
1,045 tons, Balfour Guthrie & Co, West Humshaw, Matadi
PEANUT—25 bgs, Lamont Corliss, Burderdijk, Rotterdam
PEPPER—25 bgs, American Banker, London
BLACK—243 bgs, Lossiebank, Batavia
PETROLEUM, CRUDE—105,657 bbls, Colonial Beacon Oil Co., Vancolite, Caripto
POPPYSEED—100 bgs, Burgerdijk, Rotterdam
QUEBRACHO EXTRACT—9,940 bgs, 1,071,551 lbs, Tannin Corp, West Selene, Buenos Aires
3,605 bgs, 388,901 lbs, American Tanners, West Selene, Buenos Aires
SAND, FURNACE—400 bgs, Burderdijk, Rotterdam
SHELLAC—100 bgs, Mahseer, Calcutta
50 cs, Guaranty Trust Co, Mahseer, Calcutta
75 cs, 10 bgs, J Henry Schroeder Banking Corp, Burgerdijk, Rotterdam
25 bgs, Chase National Bank, Myrtlebank, Calcutta
100 pkg, 100 bgs, City of Eastbourn, Calcutta
50 pkgs, First National Bank, City of Eastbourn, Calcutta
25 bgs, Chase National Bank, City of Eastbourn, Calcutta
GARNETLAC—58 bgs, Chase National Bank, City of Eastbourne, Calcutta
SILICON CARBIDE—10 cks, American Abrasive Co, Tungsha, Stavanger
170 cks, American Abrasive Co, Tungsha, Heroen
SOAP—1 cs, T D Downing Co, Laconia, Liverpool
12 cs, Jordan Marsh & Co, Samaria, Liverpool
TOILET—4 cs, S S Pierce Co, American Banker, London
6 cs, Jordan Marsh Co, American Banker, London
SODA, HYDROSULPHITE—60 kgs, 10 bgs, Philipp Bros, Laconia, Liverpool
SOLDERING PASTE—1 cs, General Radio Co, American Traveler, Liverpool
SPICES—3 cs, 1 cwt, 15 lbs, L C Prime & Co, Samaria, Liverpool
STARCH, POTATO—250 bgs, Burderdijk, Rotterdam
750 bgs, Guaranty Trust Co, Burderdijk, Rotterdam
SOLUBLE—150 bgs, Guaranty Trust Co, Burgerdijk, Rotterdam
TALC—100 bgs, 22,046 lbs, L A Salomon & Bros, Independence Hall, Havre
TANKAGE, GROUND—500 bgs, 55,417 lbs, West Selene, Buenos Aires
TANNING EXTRACT—1 cs, American Traveler, Liverpool
TAPIOCA FLOUR—2,106 bgs, Central Hanover Bank & Trust Co, Lossiebank, Pasoeroean
828 bgs, First National Bank, Lossiebank, Pasoeroean
1,337 pkg, Balfour Guthrie & Co, Lossiebank, Pamanoekan
WATER, AERATED—25 cs, S S Pierce Co, Samaria, Liverpool
MINERAL—50 cs, S S Pierce Co, American Banker, London
WOODFLOUR—300 bgs, B L Soberski, Tungsha, Greaker
ZINC CHLORIDE—30 dms, 7,196 lbs, Phillipp Bros, Independence Hall, Dunkirk

Boston Transit Imports

COLOR, DRY—2 cs, American Express Co, American Traveler, Liverpool for Cleveland
POTTERS'—1 cs, American Express Co, American Trabeler, Liverpool for Syracuse
INK, PRINTING—1 cs, American Express Co, American Banker, London for Chicago
LEAD, ARSENATE—1 cs, American Express Co, American Banker, London for Cleveland
OIL, COD—7 bbls, from Nova Scotia, for Gloucester
PERFUMERY—1 cs, American Express Co, American Banker, London, Indianapolis
POLISH, FURNITURE—7 cs, American Express Co, American Banker, London for Chicago

Galveston Imports

OIL—19 dms, El Oceano, New York

Houston Imports

CHEMICALS—36 cks, Binnendijk, Rotterdam
COCONUTS—625 bgs, Velma Lykes, Ponce
OLEO STEARINE—1,814 bgs, La Plata, Buenos Aires
PEATMOSS—2,350 bls, Binnendijk, Rotterdam
QUEBRACHO EXTRACT—396 bgs, La Plata, Buenos Aires

Los Angeles Imports

BALL CLAY—115,470 lbs, from Plymouth
BEAN CAKE—1,330 lbs, Tenyo, Kobe
BLOOD, DRIED—78,500 lbs, from Mexico City
CALCIUM CHLORIDE—11,010 lbs, Seattle, Kobe
CHEMICAL COMPOUND—770 lbs, Nagara, Yokohama
2,100 lbs, Tanyo, Yokohama
CHINA CLAY—189,950 lbs, Nictheroy, Plymouth
COPRA MEAL—133,600 lbs, Silveray, Manila
864,000 lbs, Panama, Mexico
80,000 lbs, Silverpalm, Manila
FERTILIZER—2,240 lbs, Corrintes, Glasgow
GUM TRAGACANTH, POWD—330 lbs, Seattle, Hamburg
INK, PRINTING—150 lbs, Seattle, Berlin
MATE—4,420 lbs, West Nilus, Sao Paulo
MEDICINAL PREPS—1,880 lbs, from Belfast
MUSTARD PREP—6,120 lbs, Drechtdijk, London
SEED—21,840 lbs, Nictheroy, Danzig
16,800 lbs, Nictheroy, Lincs
OIL, CODLIVER—4,500 lbs, Nictheroy, Bergen
PAPRIKA—660 lbs, from Alicante
POTASH, CAUSTIC—40,040 lbs, Seattle, Hamburg
SOAP, TOILET—150 lbs, from London
SOYBEAN—1,000 lbs, Tenyo, Kobe
TAPIOCA FLOUR—33,600 lbs, Silverpalm, Sourabaya
RICE FLOUR—380 lbs, Tenyo, Kobe
WHITING—6,600 lbs, Tohsei, Osaka

Mobile Imports

COCONUTS—1,180 bgs, Nordvangen, Kingston

New Orleans Imports

BAUXITE ORE—2,685 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
BONEMEAL AND GRD MEAT—560 sks, La Plata, Buenos Aires
COCOA BEANS—600 sks, Fruit Dispatch Co, Metapan, Almirante
CHEMICALS—51 cks, Hagen, Bremen
COCONUTS—1,106 sks, Standard Fruit & S S Co, Contessa, Ceiba
540 sks, Fruit Dispatch Co, Lysefjord, Puerto Castilla
375 sks, J Blake, Lysefjord, Belize
500 sks, J Meyer, Lysefjord, Belize
363 sks, Lysefjord, Belize
100 sks, Weinberger Banana Co, Tuxpam, Puerto Mexico
MOLASSES—625,274 gls, Commercial Molasses Corp, Kishacoquillas, Antilla
860,139 gls, Commercial Molasses Corp, Kishacoquillas, Puerto Padre
590,063 gls, Commercial Molasses Corp, Castana, Puerto Padro
874,771 gls, Commercial Molasses Corp, Castana, Caribarien
1,483,008 gls, North American Trading & Import Co, Dora, Cienfuegos
OIL, COCONUT—500 tons, Procter & Gamble Co, Komaki, Manila
PALMKERNEL—225,321 kilos, Binnendyk, Rotterdam
PALM REF—20 cs, Hybert, Rotterdam
PEATMOSS—5,230 sks, Peat Import Corp, Dryden, Bremen
5,330 bls, Premier Peatmoss Corp, Binnendyk, Rotterdam
POTASH, CHLORATE—200 cks, Bank of Manhattan, Hagen, Hamburg
MANURE SALT—273 tons, N V Potash Export My
MURIATE—2,135 tons, N V Potash Export My, Dryden, Bremen
400 tons, Hagen, Hamburg
SULPHATE—4,100 sks, N V Potash Export My, Bremen
570 tons, N V Potash Export My, Dryden, Bremen
SODA, SAL—50 bbls, Aluminum Line, Hybert, Antwerp
NITRATE—2,550 sks, United Fruit Co, Dryden, Hamburg

Norfolk Imports

BLOOD, DRIED—800 bgs, 88,190 lbs, West Columb, Buenos Aires
BONES—616 bgs, 78,066 lbs, West Columb, Buenos Aires
COCOA RESIDUE MEAL—750 bgs, Beemsterdyk, Rotterdam
FERTILIZER, NITROGENOUS—1,875 bgs, Beemsterdyk, Rotterdam
LEATHER WASTE—917 bgs, 95 bls, 88,144 lbs, City of Flint, London
OIL VARNISH—1 dm, Owens Illinois Can Co, City of Flint, London
PAINT, PREPARED—1 dm, 112 lbs, Illinois Can Co, City of Flint, London
QUEBRACHO EXTRACT—910 bgs, 98,323 lbs, American Tanners, West Columb, Buenos Aires
4,475 bgs, 570,025 lbs, International Prod Corp, West Columb, Buenos Aires
9,687 bgs, 1,056,470 lbs, Tannin Corp, West Columb, Buenos Aires
SAGO FLOUR—745 bgs, Rhezenor, Sourabaya
SALT COARSE—559 tons, Southgate Brokerage Co, Vaga, East Harbor
SODA NITRATE—2,053 tons, Chilean Nitrate Sales Corp, Gro, Iquique
5,087 tons, Chilean Nitrate Sales Corp, Ingersiks, Tocopilla
SOLVAMYL—5 dms, Norfolk Tidewater Terminals, Beemsterdyk, Rotterdam
STARCH, CHEMICALLY TREATED—200 bgs, Beemsterdyk, Rotterdam
240 bgs, Tiewater Terminals, Beemsterdyk, Rotterdam
TALC—1,250 bgs, L A Solomon & Bro, Pipestone County, Havre
TAPIOCA FLOUR—4,095 bgs, Guaranty Trust Co of N Y, City of Khios, Cheribon
2,254 bgs, 223 tons, Guaranty Co of N Y, Rhexenor, Sourabaya
1,004 bgs, National City Bank of N Y, Rhexenor, Sourabaya

Philadelphia Imports

ACID, CRESYLIC — 101 dms, Barrett Co, Lehigh, Glasgow
20 dms, Lehigh, Liverpool
52 dms, Barrett Co, Lehigh, Liverpool
100 dms, Manchester Exporter, Manchester
77 dms, Barrett Co, Manchester Exporter, Manchester
COTTON OIL—30 bbls, Burgerdijk, Rotterdam
SOYBEAN OIL—100 bbls, Burgerdijk, Rotterdam
AMMONIA, SULPHATE—350 bgs, Bradley & Baker, Burgerdijk, Rotterdam
ASBESTOS, CRUDE—36 bgs, Keasby & Mattison, Manchester Exporter, Manchester
BARYTES—400 bgs, Stanley Doggett, Clara, Venice
BEET PULP, MOLASSED—4,480 bgs, Tidewater Grain Co, Lehigh, Dublin
BONEMEAL—2,500 bgs, Argenti & Co, Silverash, Karachi
2,189 bgs, Clara, Trieste
BONES—458,100 kilos, Baugh & Sons Co, Anhalt, Santa Fe
135,000 kilos, Anhalt, Buenos Aires
1,823 bgs, Philadelphia National Bank, Paraguayo, Montevideo
CASSIA—206 pkgs, H P Winter & Co, Sembilan, Padang
CHALK, CRUDE—510,000 kilos, Taintor Trading Co, Independence Hall, Dunkirk
CHEMICALS—25 bbls, Sterling Supply Corp, Burgerdijk, Rotterdam
140 cks, Advance Solvents & Chemical Corp, Burgerdijk, Rotterdam
50 cks, C Sievers, Burgerdijk, Rotterdam
30 cks, Ciba Co, Burgerdijk, Rotterdam
CHROME ORE—6 149.58 tons, Cuban Industrial Ore Co, Novasli, Nuevitas
CLAY, RAW—100 cks, A Hurst & Co, Burgerdijk, Rotterdam
COALTAR DISTILLATE—3 dms, Monsanto Chemical Co, Lehigh, Liverpool
COCOA WASTE, GR'D—300 bgs, Woodward & Dickerson, Burgerdijk, Rotterdam
CORK—15,474 bls, Tudor Star, London
SQUARES—75 bls, Armstrong Cork Co, Exchange, Seville
WOOD—1,100 bls, Armstrong Cork Co, Exchange, Seville
FLAXSEED—2,530 bgs, 1,379,728 kilos, Paraguayo, Buenos Aires
GLYCERIN—28 dms, Paraguayo, Buenos Aires
150 dms, Manchester Exporter, Manchester
GUM, COPAL—400 bskts, O G Innes Corp, Sembilan, Macassar
DAMMAR—100 cs, O G Innes Corp, Sembilan, Batavia
IRON OXIDE, CRUDE—5 cks, Joseph A McNulty, Lehigh, Liverpool
LOGWOOD—787 tons, 10 cwt, Vaga, Black River
813,000 kilos, American Dyewood Co, Haalegg, Aquin
1,450 tons, American Dyewood Co, Haalegg, Gonaives
MACE—16 cs, Catz American Co, Sembilan, Macassar
MAGNESIA, CARBONATE—200 cks, Schofield, Donald Co, Lehigh, Liverpool
MAGNESITE—27,317 bgs, Harbison Walker Refractories Co, Clara, Trieste
MANGANESE ORE—8,250 tons, Elector Metallurgical Co, Ashby, Takoradi
MANURE, SHODDY—152 bls, Manchester Exporter, Manchester
MOLASSES—2,080,623 gls, E I Du Pont de Nemours & Co, Atheiregent, Matansas
363,017 gls, E I Du Pont de Nemours & Co, Atheiregent, Nuevitas
MUSTARD SEED—300 bgs, B H Old & Co, Argosy, Gdynia
MYROBALANS—8,000 pockets, Potter, Calcutta
NAPHTHALENE—553 bgs, Barrett Co, Lehigh, Manchester
374 bgs, Barrett Co, Lehigh, Liverpool
1,250 bgs, Barrett Co, Argosy, Gdynia
OIL, COTTONSEED—1,068 dms, Paraguayo, Santos
OLIVE—100 cs, Exchange, Seville
PETROLEUM, CRUDE—112,608 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
90,328 bbls, Atlantic Refining Co, Brunswick, Las Piedras
PUMICE—300 bgs, Clara, Canneto Lipari
PYRITES—6,843 tons, General Chemical Co, Fredericka Lensen, Huelva
RAPESEED—100 bgs, Burgerdijk, Rotterdam
SARDINE MEAL—1,500 bgs, Mitsubishi Shoji Kaisha, Venice, Kobe
SODA, NITRATE—1,225,434 kilos, Chilean Nitrate Sales Corp, Paula, Tocopilla
SUMAC EXTRACT—5 cks, American Dyewood Co, Lehigh, Glasgow
TANKAGE—2,690 bgs, Paraguayo, Buenos Aires
TAPIOCA FLOUR—1,000 bgs, Stein, Hall & Co, Silverash, Batavia
941 bgs, New York Trust Co, Sembilan, Tjilatjap
500 bgs, Sembilan, Cheribon
TITANIUM ORE—375 bgs, Paraguayo, Santos

Port Arthur Imports

PETROLEUM, CRUDE—70,000 bbls, Washington, Tampico

San Francisco Imports

(Note:—Because of the maritime strike San Francisco import statistics must be compiled on the basis of cargo arrivals only. No discharges are being effected, and in some cases shipments are being returned without unloading to the port of origin. In other cases vessels are remaining in the harbor awaiting an opportunity to unload. In still other cases vessels are proceeding to Vancouver with San Francisco cargo on board in the hope of being able to unload there, the goods for San Francisco to be shipped down by rail. It is impossible to segregate items on the basis of these practices, and imports listed this week may reappear in later listings, or may not be cleared at all.)

CASSIA—100 bls, D Hecht & Co, General Pershing, Hongkong
CLOVES—495 sks, Mapia, Padang
COPRA—315 tons, El Dorado Oil Works, Michigan, Dumaguete
500 tons, Michigan, Dumaguete
250 tons, El Dorado Oil Works, Michigan, Cebu
GUM COPAL—140 sks, American Cyanamid & Chemical Corpn, General Pershing, Manila
50 sks, Henry W Peabody & Co, Silvermaple, Singapore
266 bskts, Mapia, Macassar
51 sks, Mapia, Singapore
DAMMAR—56 sks, F F G Harper & Co, Silvermaple, Singapore
25 cs, Mapia, Singapore
ELEMI—84 cs, G W S Patterson & Co, General Pershing, Manila
135 cs, American Cyanamid & Chemical Corpn, General Pershing, Manila
MANIOC MEAL—1,365 bskts, Mapia, Tegal
NUTGALLS—350 sks, Mallinckrodt Chemical Works, Chichibu, Shanghai
OIL, COTTONSEED, REFD—280 dms, East Asiatic Co, Chichibu, Shanghai
PEPPER, BLACK—165 sks, Mapia, Belawan
486 sks, Mapia, Batavia
SHELLAC—100 sks, Silvermaple, Calcutta
30 cs, Bank of California, N A, Silvermaple, Calcutta
75 sks, Mapia, Calcutta
TAPIOCA FLAKE—172 sks, American Trust Co, Mapia, Sourabaya
FLOUR—200 sks, Guaranty Trust Co of N Y, Mapia, Batavia
750 sks, American Trust Co, Mapia, Tegal
50 sks, Mapia, Tegal

Savannah Imports

CLAY—70 cks, Schoharie, Antwerp
CREOSOTE—1,966 tons, Lincoln Ellsworth, Selzarte
FERTILIZER, COCOARESIDIE—2,000 bgs, Schoharie, Antwerp
LEATHER MEAL—1,000 bgs, Schoharie, Antwerp
POTASH, MANURE SALT—3,992,000 kilos, Schoharie, Bremen
SULPHATE—4,000 bgs, Schoharie, Antwerp
POTASH, MAGNESIA SULPHATE—200 bgs, Schoharie, Antwerp
STARCH, POTATO—1,000 bgs, Schoharie, Antwerp
TURPENTINE, GUM SPIRITS—10 bbls, Tabor, Heroen
WATER, MINERAL—20 cs, 20 crtns, Tabor, Heroen

Tampa Imports

COCONUTS—23,050, Meta, Trujillo

Exports from U.S. Ports

New York Exports

Clearance Dates

American Farmer, December 11; Baron Ruthven, December 5; Bilderdijk, December 11; Black Hawk, December 11; Blankaholm, November 30; Bremen, December 15; Bristol City, December 12; Cameronia, December 10; Exmoor, December 15; Extavia, December 14; Gerolstein, December 7; Gripsholm, December 7; Gyda, December 10; Haiti, December 3; Hamburg, December 10; Hokkai, December 8; Humber Arm, December 14; Janna, December 9; Lancastria, December 10; Lista, December 17; M C Holm, December 15; Martinique, December 10; Montreal City, December 15; Munargo, November 14; New Brooklyn, December 8; Normandie, December 8; Northern Prince, December 11; Oriente, December 2; Pennland, December 4; Platano, December 11; Ponce, December 15; Quirigua, December 10; Rex, December 11; Sagadahoc, December 9; Sanyo, November 24; Sarcoxie, December 11; Scanyork, December 3; Silverpine, December 12; Stavangerfjord, December 8; Thode Fagelund, December 14; Ulua, November 28; Veendam, December 8; Vulcania, December 4; Walter D Munson, November 27

ACID, ACETIC—5,091 lbs, New Brooklyn, Freetown
CITRIC—717 lbs, Quirigua, Havana
FORMIC—14,652 lbs, New Brooklyn, Marshall
NITRIC—3,577 lbs, Munargo, Nassau
OXALIC—975 lbs, Silverpine, Mossel Bay
SULPHURIC—2,024 lbs, Ulua, Corinto
ALCOHOL—(Blankaholm) 2,750 gls, Malmo; 550 gls, Gothenburg; 13,750 gls, M C Holm, London
ALUMINA SULPHATE—54,976 lbs, Munargo, Havana; 22,100 lbs, Lista, Buenos Aires
ALUMINUM POWDER—3,330 lbs, Quirigua, Havana
AMMONIA, ANHY—74,939 lbs, New Brooklyn, Freetown; 112,200 lbs, Ulua, Porto Colombia
ASPHALT — 60,666 lbs, Hokkai, Yokohama; 4,028 lbs, Walter D Munson, Nassau; 44,412 lbs, Sagadahoc, Lourenco Marques; 26,974 lbs, Thode Fagelund, Buenos Aires; 9,535 lbs, Munargo, Nassau; 5,936 lbs, Ponce, San Juan; 220,323 lbs, Bremen, Hamburg; (M C Holm) 195,615 lbs, London; 32,845 lbs, Liverpool; 21,091 lbs, Lista, Santos
FLUX—189,147 lbs, Gripsholm, Gothenburg, 268,359 lbs, Sagadahoc, Capetown
LIQUID—18,110 lbs, Cameronia, Glasgow
BISMUTH, METALLIC—12,960 lbs, Normandie, Havre
BLACK BONE—16,114 lbs, M C Holm, Liverpool
BLEACHING POWDER—2,195 lbs, Walter D Munson, Havana
BLUE, ULTRAMARINE—3,050 lbs, Sanyo, Kobe
VITRIOL—94,400 lbs, Lista, Buenos Aires
BORAX, GRANULAR—45,000 lbs, Veendam, Rotterdam
BUTYL ACETATE—37,285 lbs, M C Holm, London
CADMIUM, SULPHIDE—4,376 lbs, American Farmer, London
CALCIUM, CARBIDE—21,200 lbs, Janna, Porto Padre
CHLORIDE—4,215 lbs, Janna, Porto Padre
GLUCONATE—1,760 lbs, Vulcania, Trieste
CASEIN—528 lbs, Quirigua, Havana
CATTLE DIP—4,866 lbs, Ulua, Porto Colombia
CHEMICALS—13,276 lbs, American Farmer, London; 1,198 lbs, Sarcoxie, Havre; 11,813 lbs, Veendam, Rotterdam
CHINA CLAY—10,720 lbs, Hokkai, Yokohama
CLAY—20,400 lbs, Sanyo, Yokohama; 60,000 lbs, Stavangerfjord, Oslo; 20,400 lbs, Hamburg, Hamburg; 84,683 lbs, M C Holm, Liverpool
FILTER—20,200 lbs, Ulua, Porto Colombia
CLEANING COMP—15,468 lbs, Sarcoxie, Havre
COALTAR—5,099 lbs, Walter D Munson, Havana
INTERMEDIATES—15,833 lbs, Thode Fagelund, Santos; 2,621 lbs, Pennland, Rotterdam
COLOR, DRY—2,100 lbs, Ulua, Cartagena; 3,740 lbs, Munargo, Havana; 2,670 lbs, Lista, Buenos Aires
CORN FLOUR—747 lbs, Ulua, Corinto; 508 lbs, Platano, Porto Barrios; 11,280 lbs, Montreal City, Cardiff
SUGAR—7,050 lbs, Bristol City, Bristol; 29,508 lbs, Pennland, Rotterdam
SYRUP—23,100 lbs, Walter D Munson, Havana; 22,504 lbs, Bristol City, Bristol; 4,567 lbs, Quirigua, Havana; 2,306 lbs, Platano, Porto Barrios
DICHLORODIFLUOROMETHANE — 3,206 lbs, Sarcoxie, Havre; 522 lbs, Sagadahoc, Port Elizabeth
DISINFECTANT—5,205 lbs, Almena, Porto Plata
COALTAR—2,591 lbs, Munargo, Havana
DYES—823 lbs, Gripsholm, Gothenburg; 2,271 lbs, Ulua, Porto Colombia; 4,070 lbs, Pennland, Rotterdam; 26,786 lbs, Veendam, Rotterdam; 5,880 lbs, Northern Prince, Rio Janeiro; 1,477 lbs, Hamburg, Hamburg; 2,640 lbs, Lista, Santos
FERRITES—17,956 lbs, Thode Fagelund, Buenos Aires
FORMALDEHYDE—5,234 lbs, Ponce, Arecibo
GASOLINE—500 gls, Martinique, Gonaives; (Gyda) 71,400 lbs, St Georges; 18,000 gls, Hamilton
AVIATION—41,250 gls, New Brooklyn, Dakar; 6,250 gls, Gyda, Hamilton
8,250 gls, Gyda, Hamilton
GLUE—2,360 lbs, Rex, Genoa; 551 lbs, Silverprince, Capetown
GLYCERIN—5,422 lbs, Ulua, Porto Colombia
GREASE, LUBRICATING—8,224 lbs, New Brooklyn, Matadi; (Hokkai) 10,700 lbs, Yokohama; 26,058 lbs, Dairen; 25,920 lbs, Kobe; (Sanyo) 20,193 lbs, Osaka; 24,166 lbs, Kobe; 8,780 lbs, American Farmer, London; 7,524 lbs, Walter D Munson, Havana; (Sagadahoc) 5,298 lbs, Capetown; 17,136 lbs, Port Elizabeth; 10,810 lbs, East London; 23,370 lbs, Port Natal; 35,422 lbs, Thode Fagelund, Santos; (Sarcoxie) 47,402 lbs, Havre; 60,606 lbs, Dunkirk; 10,815 lbs, Black Hawk, Antwerp; 65,491 lbs, Lancastria, Liverpool; 6,756 lbs, Rex, Genoa; 81,411 lbs, Cameronia, Glasgow; 9,246 lbs, Munargo, Havana; 17,720 lbs, Pennland, Rotterdam; 16,651 lbs, Vulcania, Trieste; 1,900 lbs, Stavangerfjord, Oslo; 5,165 lbs, Platano, Porto Barrios; (Quirigua) 2,497 lbs, Guantanamo; 45,731 lbs, Havana; 17,413 lbs, Extavia, Piraeus; 13,244 lbs, Blankaholm, Gothenburg; 5,733 lbs, Gerolstein, Rotterdam; 10,815 lbs, Montreal City, Bristol; (Hamburg) 97,164 lbs, Hamburg; 2,265 lbs, Oslo; 84,115 lbs, M C Holm, London; 2,640 lbs, Exmoor, Istanbul
INSECTICIDE—4,450 lbs, Ulua, Buenaventura
DRY—585 lbs, Ulua, Porto Colombia
IRON OXIDE—8,120 lbs, Sarcoxie, St Nazaire
KEROSENE—(Martinique) 5,000 gls, Aux Cayes; 5,000 gls, Gonaives; 1,500 gls, Port Paix; 10,000 gls, Haiti
LARD—(Ponce) 52,648 lbs, San Juan; 43,900 lbs, Ponce; 27,975 lbs, Mayagues; 80,050 lbs, Borinquen, San Juan; (Bristol City) 22,750 lbs, Bristol; 22,750 lbs, Cardiff; 4,671 lbs, Quirigua, Havana; 27,115 lbs, Bilderdijk, Rotterdam

LEAD, ARSENATE—2,575 lbs, Munargo, Havana
BLUE, SUBLIMED—4,724 lbs, Stavangerfjord, Landsfjord
RED—2,472 lbs, Sagadahoc, Port Elizabeth; 21,788 lbs, Thode Fagelund, Buenos Aires; 27,426 lbs, Stavangerfjord, Oslo
LICORICE PASTE—5,402 lbs, Cameronia, Glasgow
LIME, HYDRATED—10,200 lbs, Ulua, Colon; 57,000 lbs, Ponce, Mayaguez
LINSEED CAKE— 1,682,534 lbs, Sarcoxie, Havre or option; (Pennland) 440,306 lbs, Rotterdam-Antwerp; 1,126,027 lbs, Rotterdam; 453,816 lbs, Veendam, Rotterdam; 2,994,571 lbs, Bilderdijk, Rotterdam
LITHARGE—16,686 lbs, Sagadahoc, East London
LITHOPONE—850 lbs, Quirigua, Port Limon
METHANOL—3,545 gls, Stavangerfjord, Oslo
METHYL ISOBUTYL KETONE—8,000 lbs, Sarcoxie, Havre
NAPHTHA—(New Brooklyn) 12,750 gls, Dakar; 25,000 gls, Marshall; 10,000 gls, Port Bouet; 53,000 gls, Winnebah; 20,000 gls, Accra; 10,000 gls, Duala; 4,000 gls, Kribi; 10,200 gls, Libreville; 3,000 gls, Port Gentil; 1,100 gls, Point Noire; 16,750 gls, Sao Thome
NITROBENZOL—220 gls, Extavia, Pireaus
OIL, CASTOR—1,051 lbs, Ponce, Ponce
COCONUT—9,763 lbs, Walter D Munson, Havana
CORN—80,110 lbs, Sanyo, Yokohama
EDIBLE—6,528 lbs, Platano, Porto Barrios
GAS—(New Brooklyn) 11,000 gls, Port Bouet; 550 gls, Kribi; 13,750 gls, Libreville; 19,250 gls, Port Gentil
LEMON—1,910 lbs, Sarcoxie, Havre
LUBRICATING—(New Brooklyn) 3,050 gls, Freetown; 825 gls, Grand Bassam; 1,100 gls, Port Bouet; 8,085 gls, Takoradi; 950 gls, Cotonou; 2,250 gls, Port Gentil; 3,825 gls, Point Noire; 17,050 gls, Matadi; (Hokkai) 4,590 gls, Yokohama; 50,160 gls, Osaka; 3,575 gls, Dairen; 2,750 gls, Moji; 32,390 gls, Kobe; (Sanyo) 13,990 gls, Yokohama; 1,925 gls, Yokohama-Osaka; 3,250 gls, Osaka; 7,590 gls, Osaka-Kobe; 5,500 gls, Dairen; 7,650 gls, Moji; 2,750 gls, Takao; 3,205 gls, Kobe; 4,345 gls, Normandie, Havre; 3,465 gls, American Farmer, London; (Gripsholm) 1,650 gls Stockholm; 4,125 gls, Copenhagen; 28,600 gls, Walter D Munson, Havana; (Sagadahoc) 800 gls, Beira; 550 gls, Mombasa; 8,900 gls, Thode Fagelund, Santos; (Sarcoxie) 39,732 gls, Havre; 50,252 gls, Dunkirk; 3,864 gls, St Nazzarie; 54,096 gls, Bordeaux; 1,050 gls, Black Hawk, Antwerp; 1,050 gls, Scanyork, Gothenburg; 2,475 gls, Bristol City, Bristol; (Vulcania) 6,500 gls, Lisbon; 8,000 gls, Algiers; 85,200 gls, Stavangerfjord, Oslo; 3,685 gls, Platano; (Quirigua) 4,510 gls, Guantanamo; 9,630 gls, Havana; 13,705 gls, Cameronia, Glasgow; 1,200 gls, Almena, Porto Plata; 1,100 gls, Munargo, Havana; 42,070 gls, Pennland, Rotterdam; (Extavia) 5,190 gls, Casablanca; 2,430 gls, Piraeus; 7,700 gls, Salonica; 9,912 gls, Veendam, Rotterdam; (Gerolstein) 18,720 gls, Rotterdam; 15,274 gls, Antwerp; 4,200 gls, Montreal City, Bristol; 3,300 gls, Northern Prince, Montevideo; (M C Holm) 11,150 gls, London; 70,308 gls, Liverpool; (Lista) 8,750 gls, Santos; 24,640 gls, Buenos Aires; (Bilderdyk) 4,575 gls, Rotterdam; 7,480 gls, Amsterdam; (Exmoor) 1,710 gls, Salonica; 3,245 gls, Istanbul
MARINE—4,200 gls, Veendam, Rotterdam
NEATSFOOT—983 lbs, Bilderdyk, Amsterdam
OLEO—23,425 lbs, Gripsholm, Gothenburg; 14,044 lbs, Pennland, Antwerp; 71,955 lbs, Veendam, Rotterdam; 154,040 lbs, M C Holm, London; 46,999 lbs, Bilderdyk, Rotterdam
SASSAFRAS—312 lbs, American Farmer, London
SULPHONATED — 24,434 lbs, Lancastria, Liverpool
PAINT—1,015 lbs, Hokkai, Yokohama; 3,240 lbs, Gripsholm, Stockholm; 1,198 lbs, Ulua, Puntarenas; 7,509 lbs, Scanyork, Danzic City; 2,003 lbs, Quirigua, Port Limon; 7,041 lbs, Munargo, Nassau; 3,650 lbs, Ponce, Jobos; (Almena) 2,596 lbs, Porto Plata; 6,045 lbs, Ciudad; 9,041 lbs, Munargo, Nassau; 1,887 lbs, Hamburg, Helsingfors; 10,611 lbs, Silverpine, Durban; 8,867 lbs, Lista, Buenos Aires
PREPARED—1,648 lbs, Stavangerfjord, Oslo
THINNER—550 gls, Silverpine, Capetown
PARAFFIN—39,502 lbs, Hokkai, Tsingtao; 22,244 lbs, Gripsholm, Gefle; 50,624 lbs, Ulua, Buenaventura; 22,490 lbs, Lancastria, Liverpool; 30,610 lbs, Bristol City, Bristol; (Vulcania) 18,457 lbs, Lisbon; 112,110 lbs, Naples; (Stavangerfjord) 4,440 lbs, Sarpsborg; 17,985 lbs, Oslo; (Quirigua) 77,856 lbs, Port Limon; 10,099 lbs, Havana; 46,515 lbs, Cameronia, Glasgow; 15,571 lbs, Pennland, Rotterdam; 3,558 lbs, Rex, Genoa; 14,121 lbs, Gerolstein, Rotterdam; 139,484 lbs, M C Holm, London; 112,965 lbs, Silverpine, Port Elizabeth; 12,416 lbs, Lista, Santos; 22,615 lbs, Exmoor, Istanbul
SCALE—168,315 lbs, Bristol City, Bristol; 97,049 lbs, Cameronia, Glasgow; 76,146 lbs, Pennland, Rotterdam; 6,597 lbs, Bilderdyk, Amsterdam; 49,810 lbs, Montreal City, Bristol
PARAHYDROXYLDIPHENYL — 10,830 lbs, Lancastria, Liverpool
PARAPHENYLENEDIAMINE—2,117 lbs, Hokkai, Yokohama
PECTIN—440 lbs, Gripsholm, Gothenburg
PETROLATUM—4,680 lbs, Gripsholm, Gothenburg
MEDICINAL—2,303 lbs, Sagadahoc, Port Elizabeth; 26,610 lbs, Hamburg, Hamburg
PETROLEUM—7,920 gls, Veendam, Rotterdam
REFINED—(New Brooklyn) 3,000 gls, Dakar; 5,000 gls, Port Bouet; 17,000 gls, Winnebah; 20,000 gls, Accra; 10,000 gls, Duala; 4,000 gls, Kribi; 10,200 gls, Libreville; 8,000 gls, Port Gentil; 5,000 gls, Matadi; 5,250 gls, Sao Thome; 11,804 gls, Gyda, St Georges; (Almena) 6,000 gls, Porto Plata; 16,000 gls, La Romana
PHARMACEUTICAL PREPS—7,960 lbs, American Farmer, London
PODOPHYLLIN—710 lbs, Sarcoxie, Havre
RESIN—2,604 lbs, Sarcoxie, Havre; 4,691 lbs, American Farmer, London
COAL TAR—4,670 lbs, Sarcoxie, Havre
SYNTHETIC—13,225 lbs, Hamburg, Hamburg
ROSIN—6,341 lbs, Lancastria, Liverpool
SOAP—14,450 lbs, New Brooklyn, Marshall; (Ponce) 24,971 lbs, Ponce; 8,400 lbs, Mayaguez
TOILET—3,850 lbs, American Farmer, London
SODA ASH—679,840 lbs, Hokkai, Osaka; 453,600 lbs, Sanyo, Osaka; 45,544 lbs, Walter D. Munson, Havana; (Quirigua) 32,600 lbs, Havana; 12,960 lbs, Havana; 9,980 lbs, Cameronia, Glasgow; 4,000 lbs, Humber Arm, St Johns; (M C Holm) 10,185 lbs, Stockholm; 10,173 lbs, Norrkooping; 10,424 lbs, Helsingfors; 31,092 lbs, Gothenburg, 7,510 lbs, Malmo; 56,323 lbs, Lista, Buenos Aires
BISULPHITE—2,285 lbs, Quirigua, Calbarien
CAUSTIC—(Hokkai) 230,400 lbs, Yokohama; 402,720 lbs, Osaka; (Sanyo) 114,880 lbs, Yokohama; 747,500 lbs, Osaka; 158,545 lbs, Walter D. Munson, Havana; 71,800 lbs, Quirigua, Havana; 100,520 lbs, Ponce, Jobos; (Almena) 17,902 lbs, Ciudad; 7,235 lbs, La Romana; (Lista) 113,762 lbs, Santos; 403,700 lbs, Buenos Aires
PHOSPHATE, TRI—22,415 lbs, Bristol City, Bristol
SILICATE—50,800 lbs, Quirigua, Havana; 10,889 lbs, Ponce, San Juan; 13,827 lbs, Borinquen, Ciudad; 22,840 lbs, Humber Arm, St Johns
SULPHIDE—11,760 lbs, Ulua, Porto Colombia; 806 lbs, Quirigua, Port Limon; 13,827 lbs, Borinquen, Ciudad
STARCH, CORN — 24,100 lbs, Gripsholm, Stockholm-Gothenburg; 6,680 lbs, Stavangerfjord, Oslo; 1,000 lbs, Quirigua, Manzanillo
STRAMONIUM LEAVES—10,243 lbs, Vulcania, Trieste
TALC—20,200 lbs, Ulua, Cartagena; 2,040 lbs, Sarcoxie, Havre; 147,615 lbs, M C Holm, London
TANNING EXTRACT—13,084 lbs, Bristol City, Bristol; 9,385 lbs, Gerolstein, Antwerp; 2,500 lbs, Lista, Buenos Aires; 12,348 lbs, Haiti, Porto Colombia
TURPENTINE—(Thode Fagelund) 1,500 gls, Rio Janeiro; 2,500 gls, Buenos Aires
WHITING COMP—12,208 lbs, American Farmer, London
WITCH HAZEL EXTRACT—12,400 lbs, M C Holm, London
ZINC DUST—4,529 lbs, New Brooklyn, Takoradi

Baltimore Exports

Clearance Dates

Beemsterdijk, December 7; City of Birmingham, December 10; City of Fairbury, December 13; City of Hamburg, December 10; Hammaren, December 14; Korsholm, December 8; Maidan, December 12; Maravi, December 9; Meton, December 17; Nagara, December 12

ACID, CHROMIC—2,800 lbs, City of Hamburg, Havre
ALKALI BLUE TONER—50 lbs, City of Birmingham, Shanghai
ASPHALT SOLID—22,942 lbs, City of Hamburg, Havre
BLUE, ULTRAMARINE—1,650 lbs, City of Birmingham, Shanghai
CADMIUM LITHOPONE—802 lbs, Beemsterdijk, Rotterdam; 50 lbs, Korsholm, Oslo; 2,912 lbs, City of Hamburg, London
CALCIUM CARBONATE—22,400 lbs, Maidan, London
ENAMEL FRIT, PORCELAIN—1,391 lbs, Korsholm, Stockholm; 200 lbs, City of Hamburg, Bruenn
GASOLINE—6,310 bbls, Meton, France Field, Canal Zone
GREASE, LUBRICATING—6,190 lbs, Beemsterdijk, Rotterdam; 5,836 lbs, City of Birmingham, Manila; 78,233 lbs, Maidan, London
GUM, VEGETABLE—1,000 lbs, Beemsterdijk, Leeuwarden
OIL, LUBRICATING—1,453 bbls, City of Fairbury, Gdynia
POTASH BICHROMATE—4,480 lbs, Beemsterdijk, Rotterdam
PUTTY—1,000 lbs, City of Hamburg, London
SODA, BICHROMATE—22,400 lbs, Beemsterdijk, Rotterdam; (Hammaren), 40,320 lbs, Stockholm; 44,800 lbs, Helsingborg

Baton Rouge Exports

Clearance Date

Buesten, December 12

KEROSENE—(Buesten) 46,722 bbls, Aruba; 6,879 bbls, Vado-Leghorn-Naples

Beaumont Exports

Clearance Dates

Chancellor, December 9; Dora C, December 5; Siantar, December 7; Storanger, December 5

BLACK, CARBON—50 tons, Chancellor, Manchester
OIL, BATCHING—14,751 bbls, Siantar, Calcutta
PETROLEUM, CRUDE—7,500 tons, Dora C, Fiume; 110,000 bbls, Storanger, Hamburg

Boston Exports

Clearance Dates

American Banker, December 17; Cameronia, December 12; Darien, December 14; Evangeline, December 14 and 16; Lady Somers, December 12; Lossiebank, December 18; Maron, December 14; Scythia, December 13.

BLEACHING POWDER—1 crtn, 48 lbs, Darien, Coco Solo, C Z
BRISTLES—7 cs, Evangeline, Saint John, N B
CEMENT, RUBBER—2 bbls, 600 lbs, Darien, Panama
DISINFECTANT—1 bbl, 30 gls, Evangeline, Yarmouth, N S
DRESSING, LEATHER—3 cs, 117 lbs, Lady Somers, Kingston; 2 bbls, 880 lbs, Scythia, Leicester, Eng
SHOE—53 cs, 2,996 lbs, Darien, Havana
DRUGS—3 cs, 101 lbs, Evangeline, Saint John, N B
FINISH, LEATHER—3 bbls, 165 gls, Darien, Santa Clara, Cuba
GLUESTOCK, HIDE—2 cks, 919 lbs, Scythia, Birkenhead, Eng
GREASE—100 dms, Cameronia, Glasgow
LUBRICATING—25 cs, 1,750 lbs, Evangeline, Saint John, N B
SOAP—45 bbls and 20 dms, 28,283 lbs, Darien, Havana
GUM, TRAGACANTH—12 bgs, 2,027 lbs, Scythia, Manchester, Eng
INK, MARKING—1 cs, 12 lbs, Scythia, Leicester
PRINTING—50 pails, 1,250 lbs, Darien, Havana
INVALID FOOD—4 cs, 47½ lbs, Darien, Havana
LINIMENT—1 cs, 12 lbs, Scythia, Leicester
MEDICINAL PREPS—405 bxs, 2,025 gls, American Banker, London
OIL, LUBRICATING—(Scythia) 10 dms, Accrington; 2 cs, 50 gls, Liverpool; 4 dms, 27 bbls, Evangeline, Saint John, N B
WATCH—3 cs, American Banker, London
PAINT, WATER COLOR—1 cs, Evangeline, Saint John, N B
PARAFFIN—129 bgs, Scythia, Liverpool
POLISH, SHOE—6 crtns, Darien, Havana
SOAP, FLAKES—40 cs, 1,338 lbs, Lossiebank, Manila
TAR—1,350 cs, 45,000 lbs, Lossiebank, Manila
TOILET—4,700 cs, 131,406 lbs, Lossiebank, Manila
SODA, BENZOATE—1 bbl, 201 lbs, Evangeline, Lockport, N S
TANNING EXTRACT—4 bbls, 1,897 lbs, Scythia, Liverpool
TOILET PREPS—7 pkgs, Lady Somers, Bermuda; 7 crtns, Maron, Penang; 1 pkg, 95 lbs, Lossiebank, Manila
VANILLA BEANS—1 cs, 103 lbs, Evangeline, Saint John, N B
WAX, SEALING—3 cs, 171 lbs, Darien, Havana
SHOE—(Darien) 18 cs, 900 lbs, Havana; 1 cs, 48 lbs, Panama; 1 bbl, 125 lbs, Evangeline, Saint John, N B

Corpus Christi Exports

Clearance Dates

Ionia, December 10; Maria Nicolaou, December 3; Ophelie, December 8

PETROLEUM, CRUDE—26,953 bbls, Maria Nicolaou, London; 63,099 bbls, Ophelie, Donges; 62,204 bbls, Ionia, Italian Ports

Galveston Exports

Clearance Dates

Aquarius, December 12; Binnendyk, December 11; Braheholm, December 14; Dalhem, December 14; Gonzenheim, December 15; Houston City, December 9; Kirishima, December 9; Nicolo Odero, December 12

ASPHALT—22 tons, Braheholm, Oslo
GRITS—45 tons, Aquarius, Antwerp
BLACK, CARBON—1,409 bgs, Houston City, Kobe; 500 bgs, Kirishima, Kobe; 1,400 bgs, 68 cs, Gonzenheim, Hamburg
MOLYBDENITE—176 bbls, Gonzenheim, Bremen
SULPHUR—(Binnendyk) 65 tons, London; 30 tons, Rotterdam; 30 tons, Gonzenheim, Hamburg

Houston Exports

Clearance Dates

Binnendijk, December 11; Dalhem, December 12; Fairfield City, December 13; Gonzenheim, December 15; La Plata, December 9; Nicolo Odero, December 13; Wales, December 15

BLACK, CARBON—(La Plata) 289 cs, Yokohama; 50 cs, Kobe; 100 cs, Osaka; 435 cs, Yokohama-Kobe-Osaka; 125 cs, Darien; (Binnendijk) 170 tons, London; 3 tons, Glasgow; 1 ton, Newcastle; 1 ton, Bristol; 1 ton, Hull; 61 tons, Antwerp; 134 tons, Rotterdam-Amsterdam; (Dalhem) 661 bgs, Bremen; 130 cs, 11 bgs, Hamburg; 17 cs, Fairfield City, Calcutta; (Nicolo Odero) 500 bgs, 100 cs, Genoa; 200 bgs, Calcutta; (Gonzenheim) 100 tons, Bremen; 50 tons, Hamburg; (Wales) 16 tons, Hankow; 16 tons, Shanghai
CLAY, GR'D—1 ton, Fairfield City, Bombay
GREASE, LUBRICATING—5 bbls, Binnendijk, Antwerp
OIL—400 bbls, Gonzenheim, Hamburg
LUBRICATING—(La Plata) 160 dms, Yokohama; 170 dms, Osaka; 15 bbls, Binnendijk, Newcastle
POTASH, MURIATE — 700 tons, La Plata, Yokohama-Osaka-Kobe-Moji

New Orleans Exports

Clearance Dates

Betty, December 11; Elsa, December 9; Laura C, December 12; Mosvold, December 15; Nordvangen, December 8; Si Kiang, December 5; Wales, December 12; Yselhaven, December 5

ASPHALT—54 tons, Si Kiang, Havre; 35 tons, Si Kiang, Havre
GRITS—23 tons, Si Kiang, Havre
BLACK, CARBON—(Yselhaven) 50 cs, Bremen-Hamburg; 100 sks, 80 cs, Hamburg; (Wales) 76 cs, Kobe; 500 sks, Yokohama-Kobe-Osaka; (Si Kiang) 86 tons, Havre; 5 tons, Dunkirk; 14 tons, Antwerp; 7 cs, Laura C, Piraeus
CLAY—FILTER—68 tons, Si Kiang, Havre
GROUND—(Si Kiang) 20 tons, Havre; 14 tons, Antwerp
COTTONSEED PULP—(Si Kiang) 5 tons, Havre; 26 tons, Antwerp
EARTH—136 sks, Yselhaven, Antwerp
INFUSORIAL—21 tons, Si Kiang, Havre
GASOLINE—50 dms, Nordvangen, Brighton; 1,037 tons, Elsa, Antwerp
GREASE, LUBRICATING—6 dms, Nordvangen, Brighton
KEROSENE—350 cs, Nordvangen, Port au Prince
MOLASSES—11 tons, Si Kiang, Antwerp
OIL—10 dms, Nordvangen, Port au Prince
LINSEED—2 dms, Nordvangen, Port au Prince
LUBRICATING — 70 dms, Nordvangen, Brighton; (Wales) 100 dms, Osaka; 724 dms, Kobe; (Si Kiang) 184 tons, Havre; 104 tons, Dunkirk; 49 tons, Antwerp; 3,142 tons, Mosvold, Hamburg; 352 tons, Laura C, Fiume
PARAFFIN—25 tons, Si Kiang, Antwerp
PETROLEUM—24 tons, Si Kiang, Dunkirk
PINETAR—5 dms, Nordvangen, Willemstad
ROSIN—40 dms, Nordvangen, Willemstad
SULPHUR, CRUDE—3,500 tons, Betty, Aruba
SUPERPHOSPHATE—16 sks, Nordvangen, Port au Prince
WAX—(Yselhaven) 60 sks, Rotterdam; 285 sks, Antwerp

Norfolk Exports

Clearance Dates

Beemsterdijk, December 15; City of Hamburg, December 12; McKeesport, December 14

ACETATE, NORMAL—11 dms, 5,005 lbs, McKeesport, Dublin
ALCOHOL, BUTYL—6 dms, 2,538 lbs, McKeesport, Dublin
BUTYL ACETATE—11 dms, 4,972 lbs, McKeesport, Dublin
COHOSH ROOT, BLACK—9 bgs, City of Hamburg, London
COTTON ROOT BARK—1 bl, City of Hamburg, London
DRUGS—48 lbs, 10,817 lbs, City of Hamburg, Havre
ELM BARK, SLIPPERY—11 bls, 4,708 lbs, City of Hamburg, London
HERBS—33 lbs, 11,137 lbs, City of Hamburg, Havre
LOBELIA HERB—2 bls, City of Hamburg, London
MEDICINAL PREPS—10 pkgs, 680 lbs, McKeesport, Glasgow; 40 pkgs, City of Hamburg, London
MICA, GROUND—9 bgs, 1,000 lbs, City of Hamburg, London; 400 bgs, 44,000 lbs, Beemsterdijk, Antwerp
PULVERIZED—224 lbs, 22,624 lbs, City of Hamburg, London; 215 bgs, 21,710 lbs, McKeesport, Glasgow
OCHER—(McKeesport), 420 bgs, 68,040 lbs, Dundee; 2,240 bgs, 362,880 lbs, Leith
OYSTER SHELLS, CRSHD—2,000 bgs, 224,000 lbs, McKeesport, Hull
POTASH MURIATE—100 bgs, 10 tons, Beemsterdijk, Rotterdam
SODA, NITRATE—200 bgs, 18 tons, Beemsterdijk, Rotterdam
STONE ROOT—3 bgs, City of Hamburg, London
TANNING EXTRACT, LIQ—100 bbls, 59,948 lbs, McKeesport, Glasgow

Philadelphia Exports

Clearance Dates

City of Birmingham, December 13; City of Fairbury, December 15; Cold Harbor, December 12; Estrella, December 15; Exchester, December 15; Haukefjell, December 16; Hoegh Transporter, December 14; Konigsberg, December 14; Kota Tjandi, December 12; Kwanto, December 15; Livenza, December 14; Millais, December 14; Port Hardy, December 12; Silverwalnut, December 13

ALUMINUM POWDER—16 dms, City of Birmingham, Manila
AMYL ACETATE—20 dms, Millais, Rio de Janeiro
BENZOL—50 dms, Millais, Buenos Aires
BLACK, BONE—30 bgs, 9 dms, Port Hardy, Sydney; 1 bg, City of Fairbury, Gothenburg
CARBON—1 dm, Kwanto, Kobe
CEMENT, FIBER—1 dm, Haukefjell, Cork
GASKET—25 crtns, City of Birmingham, Manila
HOUSEHOLD—2 bxs, Estrella, Lisbon
RUBBER—1 pl, Haukefjell, Cork
CLEANING COMP—1 cs, City of Birmingham, Hongkong; 2 bxs, Estrella, Lisbon
COCOA BUTTER—299 crtns, Kwanto, Yokohama
COLORS, COALTAR—1 bx, 4 pls, Estrella, Oporto
DICHLORODIFLUOROMETHANE — 6 cyls, City of Fairbury, Copenhagen
DYEWOOD EXTRACT—8 bbls, City of Fairbury, Helsingfors
ETHYL FLUID—11 dms, Exchester, Algiers
FLUORSPAR—4 bbls, Port Hardy, Sydney
GASOLINE—(Millais) 200 cs, Iquitos; 2,100 cs, Para; 4,000 cs, Ceara; 1,500 cs, Pernambuco; 300 cs, Maceio; 1,500 cs, Bahia
GREASE—4 dms, Port Hardy, Sydney
LUBRICATING — (Port Hardy) 33 dms, Sydney; 1 dm, Melbourne; 20 dms, Hoegh Transporter, Piraeus; 1 dm, Cold Harbor, Dublin; 20 dms, City of Birmingham, Manila; 228 dms, Kwanto, Yokohama; (City of Fairbury) 101 bbls, 16 dms, Gothenburg; 4 dms, 30 pls, 10 cs, Copenhagen; 2 bbls, Estrella, Lisbon
INSECTICIDE—69 crtns, Port Hardy, Sydney
LEATHER FINISH—3 crtns, Estrella, Lisbon
LICORICE PASTE—20 cs, Cold Harbor, Glasgow
LINSEED CAKE—(Cold Harbor) 2,205 bgs, Liverpool; 1,585 bgs, Dublin
LOGWOOD EXTRACT—54 bxs, Cold Harbor, Glasgow
MANGANESE ORE — 3 bbls, Silverwalnut, Manila
MEDICINAL PREP'S—5 ctns, Hoegh Transporter, Valetta
OIL—65 dms, Port Hardy, Sydney
ENGINE—65 dms, Cold Harbor, Manchester
FUEL—5 dms, Estrella, Marseilles
FURNACE—300 cs, Millais, Ceara
ILLUMINATING (Millais) 2,000 cs, Para; 1,800 cs, Ceara; 4,000 cs, Pernambuco; 2,200 cs, Maceio; 8,000 cs, Bahia; 240 dms, Montevideo
LUBRICATING — (Konigsberg) 190 pkgs, Prague; 743 pkgs, 298 bbls, Hamburg; 2,803 bbls, Silverwalnut, Shanghai; (Port Hardy) 189 dms, 6 bbls, 1,212 pkgs, Sydney; 373 pkgs, 175 pails, 12 bbls, 25 qrt dms, 137 dms, Melbourne; 20 pkgs, Port Pirie; 329 pkgs, Port Adelaide; 60 pkgs, Brisbane; 8 pkgs, Launceston; 10 pkgs, Newcastle; 85 pkgs, Rabaul; 28 pkgs, Hobart; 30 pkgs, Suva; (Kota Tjandi) 802 pkgs, Singapore; 235 pkgs, Bangkok; (Hoegh Transporter) 49 bbls, Venice; 245 dms, 65 cs, 1,020 pkgs, Piraeus; 54 dms, Salonica; 56 pkgs, Zagreb; (Livenza) 490 bbls, 4,911 pkgs, Genoa; 284 dms, Naples; (Cold Harbor) 489 bbls, Glasgow; 35 bbls, 65 dms, Dublin; 130 bbls, Hull; (Millais) 5 dms, 160 pkgs, Para; 5 dms, Ceara; 75 dms, 201 pkgs, Pernambuco; 20 dms, Bahia; 11 pkgs, Maranhao; 38 pkgs, Manaos; 10 cs, Macelo; 340 dms, Montevideo; (Exchester) 38 cartons, Tangier; 65 bbls, Oran; 40 bbls, Algiers; (City of Birmingham) 179 cartons, 45 dms, 76 pkgs, Manila; 2 cs, 390 pkgs, 96 dms, 2,356 pkgs, Shanghai; (Kwanto) 269 dms, Yokohama; 70 dms, Osaka; 15 dms, Osaka or Kobe; 23 dms, 2 cs, Kobe; (City of Fairbury) 50 dms, Gothenburg; 170 bbls, Copenhagen; 56 bbls, Gdynia; 30 dms, Stockholm; (Estrella) 253 pkgs, Leixoes; 83 pkgs, Oudjda; 27 pkgs, Bissao; 28 pkgs, Dilolo; 17 pkgs, St Vincent, 2,750 pkgs, 80 cartons, 60 bbls, 135 dms, Casablanca; 15 pkgs, Gibraltar; 65 dms, Tangier; 8 pkgs, Algiers; 5 pkgs, Oran; 5 pkgs, Lobito; 80 pkgs, Loanda; 713 bbls, Marseilles; 15 pkgs, Porto Amboim; 45 pkgs, Benguela; 100 cs, 160 dms, 19 bbls, 1,155 pkgs, 1,267 ctns, Lisbon
MINERAL, RES—28 dms, Estrella, Marseilles
NEATSFOOT—24 bbls, Estrella, Marseilles
PAINT—4 ctns, City of Birmingham, Manila; 1 cs, 1 dm, Haukefjell, Cork; 54 kits, 83 ctns, 10 bxs, 12 dms, Estrella, Lisbon
ENAMEL—2 ctns, 50 kits, Estrella, Lisbon
ROOFING—2 dms, Millais, Buenos Aires
PARAFFIN—(Konigsberg) 153 bgs, 95 bbls, Hamburg; 126 bbls, Trieste; (Cold Harbor) 128 bbls, Liverpool; 380 bbls, Dublin; 300 bgs, City of Birmingham, Hongkong; 168 bbls, City of Fairbury, Stockholm; (Estrella) 200 bgs, Oporto; 916 bgs, Casablanca; 100 bgs, Marseilles
CRUDE—16 bbls, Kota Tjandi, Bangkok; 197 bbls, Hoegh Transporter, Venice; (Exchester) 3,392 bgs, Casablanca; 458 bgs, Ceuta; 153 bbls, City of Birmingham, Manila; 84 bbls, City of Fairbury, Gothenburg
REFINED—918 bgs, Kwanto, Dairen
PETROLATUM—123 dms, Konigsberg, Hamburg
POLISH, AUTO—32 ctns
PUTTY—4 ctns, City of Birmingham, Manila
RUBBER COMPOUNDING AGENTS—1 dm, Port Hardy, Melbourne
SAND, FILTER—570 bgs, Kwanto, Kobe; 250 bgs, Estrella, Lisbon
SODA, ANTIMONATE—4 bbls, Port Hardy, Sydney
ASH—2 dms, Port Hardy, Sydney; 2 bbls, City of Fairbury, Gothenburg
HYDROSULFITE—2 dms, 2 pails, Estrella, Oporto
TANNING EXTRACT—(Port Hardy) 14 bbls, Brisbane; 3 bbls, Sydney; 70 bbls, Cold Harbor, Glasgow
MATERIAL, DRY—7 bbls, Millais, Buenos Aires; 50 dms, Kwanto, Kobe
TIRE COATING, COMP—6 ctns, City of Birmingham, Manila
TITANIUM ORE—18 bbls, City of Fairbury, Gothenburg
VARNISH—21 dms, Port Hardy, Sydney; 1 bx, 2 ctns, Estrella, Lisbon
WAX—160 bbls, Cold Harbor, Glasgow
WOOD FILLER, PASTE—6 dms, 12 kits, Estrella, Lisbon

Port Arthur Exports

Clearance Dates

South America, November 27; Trentbank, November 30; West Irmo, November 26

ASPHALT—(South America) 5 cs, Montevideo; 10 cs, Porto Alegre; 10 cs, Santos; (Trentbank) 90 dms, 878 bbls, Sydney; 250 dms, Melbourne
LIQUID—(West Irmo) 1 cs, 1 bx, Accra; 1 bx, Trentbank, Sydney
PETROLEUM—(West Irmo) 60 dms, 35 cs, 2 bxs, Leopoldville; 5 dms, 25 cs, Irumu; 30 dms, Matadi; 5 cs, Lagos-Apapa; 10 dms, Takoradi
SOLID—6 dms, West Irmo, Accra
CLEANER, DRY—1 cs, West Irmo, Accra
DRESSING, WAX—(West Irmo) 10 cs, Leopoldville; 5 cs, Irumu
GASOLINE—(West Irmo) 28,000 cs, Accra; 600 dms, 4,000 cs, Dakar; 20 dms, Lome; 1,200 cs, Assinie; 11,500 cs, Conakry; 1,500 cs, Sassandra; 2,000 cs, Duala; 1,004 cs, Freetown; 100 cs, Leopoldville; 2,000 cs, Warri; 15,200 cs, Lagos-Apapa; 2,000 cs, Port Harcourt; 11,100 cs, Port Bouet; 3,235 cs, Saltpond; 2,900 cs, Cape Coast Castle; 1,500 cs, Kribi; 3,700 cs, Winnebah; 700 cs, Monrovia; 32,640 cs, Takoradi; (South America) 19,621 bbls, Montevideo; 600 cs, 9,000 bbls, Porto Alegre; 21,895 bbls, Santos
GREASE, LUBRICATING—(West Irmo) 12 cs, 5 dms, Accra; 4 cs, Dakar; 2 dms, 7 cs, Lome; 16 cs, Assinie; 110 cs, Conakry; 30 cs, 2 dms, Freetown; 225 dms, 345 cs, Leopoldville; 105 dms, 30 cs, Irumu; 25 dms, 39 cs, Lagos-Apapa; 14 cs, 1 dm, Port Harcourt; 10 dms, 270 cs, Port Bouet; 30 dms, 6 cs, Takoradi; (South America) 80 dms, Montevideo; 5 dms, 45 cs, Porto Alegre; 11 dms, 80 cs, Corumbo; 45 dms, 20 kgs, 185 cs, Santos; (Trentbank) 125 dms, 95 cs, Brisbane; 415 dms, 30 cs, Sydney; 395 dms, 10 cs, Melbourne; 210 dms, 210 cs, Adelaide
KEROSENE—(West Irmo) 6,800 cs, Accra; 4,000 cs, Dakar; 2,050 cs, Lome; 850 cs, Assinie; 4,500 cs, Conakry; 500 cs, Sassandra; 1,000 cs, Duala; 2,600 cs, Freetown; 15,000 cs, Monrovia; 2,000 cs, Leopoldville; 2,000 cs, Warri; 1,000 cs, Port Harcourt; 2,700 cs, Port Bouet; 800 cs, Salt Pond; 1,400 cs, Cape Coast Castle; 550 cs, Kribi; 1,350 cs, Winnebah; 6,700 cs, Takoradi; (South America) 12,000 bbls, Montevideo; 993 bbls, Porto Alegre; 4,010 bbls, Santos
NAPHTHA—1 bx, Trentbank, Sydney
OIL, DIESEL—(West Irmo) 200 dms, Accra; 100 dms, Assinie; 200 dms, Duala; 50 dms, Freetown; 150 dms, Leopoldville; 400 dms, Lagos-Apapa; 30 dms, Winnebah; 4,059 bbls, South America, Santos; (Trentbank) 70 dms, Brisbane; 100 dms, Melbourne; 70 dms, Adelaide
LUBRICATING—(West Irmo) 30 cs, 195 dms, Accra; 5 dms, 30 cs, Kribi; 10 dms, Dakar; 11 cs, Lome; 30 dms, Assinie; 230 dms, Winnebah; 100 cs, Conakry; 20 dms, 10 cs, Freetown; 395 dms, 630 cs, Leopoldville; 150 dms, 165 cs, Irumu; 30 dms, Salt Pond; 140 dms, Matadi; 20 dms, Lagos-Apapa; 70 dms, 120 cs, Port Bouet; 63 dms, Cape Coast Castle; 110 dms, Takoradi; (South America) 265 dms, 120 cs, Montevideo; 45 dms, 325 cs, Porto Alegre; 90 cs, Corumbo; 270 dms, 1,100 cs, Santos; 5 cs, San Paulo; (Trentbank) 595 dms, Brisbane; 1,324 dms, Sydney; 922 dms, Melbourne; 952 dms, Adelaide
PAINT—(Trentbank) 17 dms, Brisbane; 32 dms, Sydney; 17 dms, Melbourne; 30 dms, Adelaide
PETROLEUM NAPHTHA—1 bx, Trentbank, Sydney
POLISH, AUTO—(Trentbank) 3 cs, Brisbane; 6 cs, Adelaide
SOLVENT, CLEANING — 300 cs, South America, Porto Alegre
PAINT—50 dms, Trentbank, Sydney
WAX—(Trentbank) 50 cs, Brisbane; 100 cs, Sydney; 40 cs, Adelaide

Savannah Exports

Clearance Dates

Besholt, December 15; Steel Mariner, December 9; Tabor, December 15; Wendover, December 17

CLAY—(Wendover) 1,320 bgs, London; 1,700 bgs, Hamburg; 500 bgs, Rotterdam
COTTON LINTERS—150 bls, Wendover, Hamburg
GLUCOSE—60 bbls, Steel Mariner, Manila
OIL, PINE—52 dms, Wendover, Constanza
ROSIN, GUM (Wendover) 690 bbls, London; 150 bbls, Hull; 50 bbls, Bremen; 154 bbls, Hamburg; 835 bbls, Rotterdam; (Besholt) 3,380 bbls, Yokohama; 100 bbls, Osaka; 200 bbls, Shanghai; (Tabor) 940 bbls, Havana; 20 bbls, Santiago
SIZE—314 bgs, Wendover, Rotterdam
WOOD—(Wendover) 120 bbls, London; 50 bbls, Rotterdam
TURPENTINE, GUM—650 bbls, Wendover, London; (Tabor) 5 dms, Havana; 5 dms, Santiago

Tampa Exports

Clearance Dates

Cuba, December 5; Goldfield, December 11; Laura C, December 9; Taiwan, December 10; W M Delphia, December 9

GASOLINE—5 dms, W M Delphia, Roatan; 39 dms, Goldfield, Georgetown
INSECTICIDE—8 dms, 10 sx, Cuba, Havana
KEROSENE—17 dms, Goldfield, Georgetown
OIL—2 dms, Goldfield, Georgetown
PHOSPHATE—4,391 tons, Laura C, Fiume; 4,511 tons, Taiwan, Osaka
SOAP—22 cs, Goldfield, Georgetown

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—82,043 bbls, Beaconstar, Baytown
PETROLEUM, CRUDE—100,313 bbls, Thermo, Texas City; 73,219 bbls, Cities Service Missouri, New York; 77,069 bbls, Chester O Swain, Baytown; 135,341 bbls, G Harrison Smith, Baytown; 109,774 bbls, Walter Jennings, Baytown; 133,495 bbls, W S Farish, Baytown; 110,688 bbls, Charles Pratt, Baytown; 92,004 bbls, Dannedaike, Texas City; 56,561 bbls, Chilbar, Texas City; 109,733 bbls, F Q Barstow, Baytown; 72,081 bbls, Larry Doheny, Bayonne; 95,240 bbls, F W Abrams, Baytown; 98,403 bbls, Socony Vacuum, New York; 78,960 bbls, Swiftlight, Port Arthur

Lake Charles Coast Trade

SODA ASH—800 bgs, Ruth Lykes, Houston

Los Angeles Coast Trade

GASOLINE—10,300 bbls, Tejon, Seattle; 68,000 bbls, Mojave, Portland; 5,419 bbls, S & C No 2, San Diego; 66,254 bbls, Agwiworld, San Francisco; 56,378 bbls, Arizona, Portland; 3,917 bbls, S & C No 41, San Diego; 24,892 bbls, Edwin B de Golio, Portland
KEROSENE—5,525 bbls, Edwin B de Golio, Portland
OIL, DIESEL—2,800 bbls, Tejon, Seattle; 7,000 bbls, Mojave, Portland; 18,107 bbls, Agwiworld, San Francisco; 725 bbls, S & C No 41, San Diego
FUEL—66,153 bbls, Tejon, Seattle; 7,000 bbls, Mojave, Portland; 23,000 bbls, Torres, Portland; 50,000 bbls, Cuyama, San Diego
FURNACE—7,078 bbls, Edwin B de Golio, Portland
PETROLEUM, CRUDE—78,494 bbls, Montebello, Oleum

Port Arthur Coast Trade

OIL, FUEL—26,583 bbls, Henry M Dawes, Corpus Christi

Cargo Ship Arrivals New York

December 19 to January 1

Aakre	Marseilles*	Dec 29
Alaunia	Havre*	Dec 28
Alberta	Trieste*	Dec 28
Almena	Puerto Plata	Dec 22
American Merchant	London*	Dec 28
American Shipper	Liverpool*	Dec 26
American Trader	London	Dec 26
Antonia	Liverpool*	Dec 28
Asosan	Singapore*	Dec 28
Avra	Buenos Aires	Dec 24
Bencas	Bahia*	Dec 23
Berengaria	Southampton*	Dec 28
Black Tern	Rotterdam*	Dec 24
Borinquen	Trujillo*	Dec 21
Boston City	Fowey*	Dec 23
Brattdale	Lisbon	Dec 23
Brosund	Trinidad*	Dec 28
Buenaventura	Port au Prince*	Dec 28
Cacique	Pisco*	Dec 23
Cairnmona	Antwerp	Dec 21
Calamares	Santa Marta*	Dec 31
Cape Corso	Bahia*	Dec 22
Cape Sable	Bahia*	Dec 30
Carabobo	Curacao*	Dec 24
Cauto	Vera Cruz*	Dec 27
Chickasaw City	Calcutta*	Dec 26
City of Eastbourne	Calcutta*	Dec 23
City of Glasgow	Calcutta*	Dec 30
Coamo	Trujillo*	Dec 28
Cristobal	Cristobal*	Dec 21
Eidsvold	Kobe*	Dec 24
Emile Francqui	Antwerp	Dec 26
Empress of Britain	Southampton	Dec 26
Exermont	Genoa*	Dec 30
Exhibitor	Piraeus*	Dec 24
Exochorda	Beirut*	Dec 23
Fernbank	Sundsvall*	Dec 23
Fjeld	Hamburg	Dec 20
Flint II	Bahia Blanca	Dec 24
Fort Amherst	St Pierre*	Dec 31
Franconia	Liverpool	Dec 31
Frida	Newport, Eng	Dec 26
Gatun	La Ceiba	Dec 24
Gerolstein	Antwerp	Dec 31
Greylock	Honolulu*	Dec 22
Greystoke Castle	Moji*	Dec 28
Ingria	Marseilles*	Dec 23
Ionan	River Plate	Dec 22
Johanna Thorden	Kotka*	Dec 27
Katsuragi	Singapore*	Dec 29
Kelso	Hull*	Dec 22
Kinai	Hongkong*	Dec 24
Konigstein	Antwerp	Dec 22
Laponia	Narvik	Dec 22
Madoera	Batavia*	Dec 25
Malayan Prince	Singapore*	Dec 26
Manuela	San Juan	Dec 28
Martinique	Aux Cayes*	Dec 24
Medea	Curacao*	Dec 28
Motomar	Buenos Aires	Dec 29
Munargo	Havana*	Dec 23
Musa	Puerto Barrios*	Dec 31
Nanking	Oxelosund*	Dec 30
Nerissa	Trinidad*	Dec 28
New Columbia	Lagos*	Dec 23
New York	Hamburg*	Dec 30
Nienburg	Buenos Aires*	Dec 31
Oriente	Havana	Dec 22
Panuco	Vera Cruz*	Dec 22
Pastores	Cristobal*	Dec 28
Platano	Puerto Barrios*	Dec 24
Ponce	San Juan	Dec 29
President Harrison	Manila*	Dec 29
President Lincoln	Manila*	Dec 28
President Roosevelt	Hamburg*	Dec 31
Quirigua	Port Limon*	Dec 27
Rosario	San Juan	Dec 21
St Mihiel	San Francisco	Dec 23
Sandham	Hernosand*	Dec 26
San Juan	San Juan	Dec 22
Santa Lucia	San Antonio*	Dec 29
Santa Maria	San Antonio*	Dec 22
Scanstates	Gothenburg*	Dec 30
Seatrain Havana	New Orleans*	Dec 22
Seatrain New York	New Orleans*	Dec 29
Sheridan	Buenos Aires*	Dec 29
Siljestad	Manila*	Dec 25
Silverlarch	Batavia*	Dec 26
Skagerak	Kobe*	Dec 26
Southern Prince	Buenos Aires*	Dec 24
Steel Age	Honolulu*	Jan 1
Steel Navigator	Manila*	Dec 27
Stentor	Batavia*	Dec 30
Surrey	London*	Dec 28
Tachira	Curacao*	Dec 31
Tai Ping	Yokohama*	Dec 31
Toloa	Santa Marta*	Dec 24
Topdalsfjord	Oslo*	Dec 23
Tureby	Rosario	Dec 21
Turkslb	Leningrad	Dec 21
Villanger	Rotterdam	Dec 31
Virginian	Seattle*	Dec 21
West Humshaw	Accra*	Dec 26
Western World	Buenos Aires*	Dec 30
Yomachichi	Melbourne*	Dec 28
Yucatan	Vera Cruz*	Dec 27

* And other ports

Recent Charters

OIL, SARDINE—8,000 tons, S S Nina Borthen, Seishin, United Kingdom, Continent, 35s; January 10-31

PETROLEUM — 8,500 tons, S S Luminetta, clean, Aruba, Curacao, United Kingdom, Continent, 10s; December 20-January 5
7,500 tons, S S Vimeira, clean, Aruba, Dublin and Foynes, 11s 6d; January 1-15
7,700 tons, S S Vallejo, clean, Constanza, London, White Booth Roads and Killingholme, 11s 9d; January 1-15
14,000 tons, S S Fenris, clean, Aruba, Curacao, United Kingdom, Continent, 10s; December
14,000 tons, S S Skaraas, clean, California, Japan, 11s 6d; China, 12s; Philippines, 11s 3d; Australia, 14s; option loading Sumatra, Japan, 9s; China, 9s 6d; Philippines, 8s 6d; Australia, 12s; South Africa, 12s; two consecutive voyages; February
9,000 tons, S S Strix, clean, Abadan, Mediterranean, 19s; United Kingdom, Continent, 21s; Scandinavia, 22s; January
9,500 tons, S S Minister Wedel, clean, Abadan, Mediterranean, 18s; United Kingdom, Continent, 20s; Scandinavia, 21s; February 1-20
13,000 tons, S S Varanger, dirty, Sumatra, Wellington, 14s; January
10,500 tons, S S El Grillo, crude, Cartagena, Wilhelmshaven, 12s; January
12,000 tons, S S Fagerfjell, dirty, Bahrein, Trieste, 17s 4½d; four consecutive voyages; January
8,000 tons, S S Oljaren, crude, Bahrein, Trieste, 17s 6d; December-January
14,000 tons, S S Liev Eriksson, dirty, California, Japan, 12s 6d; two consecutive voyages; December-January
11,131 tons, S S Scottish Heather, dirty, twelve months' time charter, 4s 6d; delivery second half December
9,000 tons, S S Chr Th Boe, dirty, United States Gulf, Antwerp, 13s 3d; December 30-January 15
9,000 tons, S S Gustaf E Reuter, fuel and (or) gas oil, Aruba, Curacao, United Kingdom, Continent, 11s; December

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

Los Angeles

Week Ended December 10

Medicinal preparations, 53 pieces; false therapeutic claims.

Week Ended December 17

Medicinal preparations, 100 pieces; false therapeutic claims.

San Francisco

Week Ended December 10

Medicinal preparations, 1 package; false therapeutic claims.

Seattle

Week Ended December 10

Medicinal preparations, 10 pieces; false therapeutic claims.

Oils, Fats and Waxes

Fish Oils

(Continued from page 39)

San Francisco, Dec. 22.—While competitive fats continued to move upwards, California sardine oil made one of the most spectacular rises in price in the history of the market when trading reached a point of 46c. per gallon in tankcars, Northern California basis. The jump in price represented a spread of 4c. per gallon since a week ago. Naturally, because of the lateness of the season, producers were unable to put much oil out for offer, although it was considered somewhat likely that more material could have been sold. As things stood today, approximately 10 tankcars of the 46-cent oil moved after a sale or two at around 45c. Producers and consumers are now at a stand-off, with the former asking 47½c., while the highest bid in the market today is on the basis of 45c.

San Pedro oil evidently was not featured in any business last week, according to the best check-up available. Catch of fish has been extremely poor, reports say, while the catch in Northern California has been excellent during the past week. It is seen that if the run of fish continues along the same lines as the last few days, December will at least equal the November production.

Meantime, striking cannery and reduction plant workers and fishermen have apparently ironed out their differences with the factories and the industry moved along more or less harmoniously last week. The marine strike, still present, has perhaps affected the sardine oil industry the least of any other oil or fats business on the Pacific Coast, based on the record so far.

Ruling prices are:—

California sardine oil quoted at 46c. per gallon in tankcars, f.o.b. San Francisco and Monterey and nominally 47c., San Pedro. Quotation on Northern California oil represents last known sales.

Fats and Greases

Grease.—The market for spot material had a firmer tone, spot quotations in some instances being ⅛c. per pound higher with offerings generally light. There was a fair inquiry.

Lard.—Cash quotations showed more or less irregularity at times in company with futures in the West, changes generally being moderate. There was a fair demand though consumers were disinclined to purchase ahead at this period of the year. Reecipts of hogs in western centers were somewhat smaller. There were reports of a fair export inquiry for lard.

Stearin.—The market was firmer at 11¾c. per pound. The inquiry was fair. Offerings were light.

Tallow.—The situation was characterized by light offerings and a generally firm tone although the inquiry was slow much of the time. The last business reported was at 8⅜c. per pound for extra, f.o.b., but this figure was apparently nominal as sellers were disposed to hold for a higher level. According to some in the trade 9c. per pound was more generally quoted by sellers and it was said that bids at below that figure were turned down.

Following is a record of the market for tallow futures on the New York Produce Exchange from December 19 to December 24, inclusive:—

	Cents per lb. in tanks—High.	Low.	Close.	Sales, Tanks.
January	8.70	8.70	8.50@8.60	1
February	8.85	8.85	8.55 nom.	1
March	9.10	8.80	8.70@8.85	6
April	....	....	8.80 nom.	..
May	9.20	9.15	8.90@9.10	3
Total sales				11

Markets at Other Centers

Chicago, Dec. 24.—The tone of the cash lard market and related markets has been strong and active. In most cases prices have tended a little higher in the last few days. Purchases have been coming along in fair volume even at this period of the year. The cash lard tone has been kept firm by related markets in some cases, and in others apparently by statistical considerations, with shipping trade fair.

The range of lard quotations from the opening Saturday, December 19, to the close Thursday, December 24, is shown in the following table:—

	Per 100 pounds—Open.	High.	Low.	Close.	Previous Friday.
Cash	$13.37	$13.55	$13.25	$13.55	$13.37
Jan.	13.50	13.65	13.27	13.65	13.50
May	14.00	14.07	13.72	14.05	13.97

TALLOWS (tierces).—Edible, 9⅞c. to 10c. per pound; prime, 8½c. to 8¾c.; fancy, 8½c. to 8¾c.; special, 8⅝c. to 8½c.; No. 1, 8⅛c. to 8¼c.

GREASES (tierces).—Choice white, 8⅝c. to 8¾c. per pound; A white, 8⅛c. to 8¼c.; B white, 7⅞c. to 8c.; yellow, 10-15, 7¾c. to 7⅞c.; yellow, 16-20, 7½c. to 7⅝c.; brown, 7¼c. to 7½c.

STEARINS (barrels).—Prime oleo, 9¾c. to 11c. per pound; lard, packages, 13⅛c. to 13¼c.; A white grease, 8¼c. to 8½c.; yellow grease, 7¾c. to 8c.; extra oleo stocks, 12¾c. to 13c.; No. 2 stocks, 11½c. to 12c. (Oleo stocks in car lots.)

Liverpool, Dec. 24.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	January. s.	d.	May. s.	d.
Saturday	69	6	62	9	63	0
Monday	69	6	62	0	62	3
Tuesday	69	6	61	6	61	6
Wednesday	69	0	60	6	60	9
Thursday	69	6	61	3	61	3
*Friday	..	..	..	..	..	..

* Holiday.

Liverpool, Dec. 24.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	31	0	..	..
Monday	31	0	..	..
Tuesday	31	0	..	..
Wednesday	31	0	30	3
Thursday	31	0	30	3
*Friday	..	..	..	..

* Holiday.

Fatty Acids

Red Oil.—The market had a firmer tone owing to the strength of basic material, but prices remained where they stood at the close of the previous period. There was a fairly active demand.

Stearic Acid.—Previous selling schedules were generally adhered to by producers, but the market had a stronger tone owing to the high cost of basic material. Business was fairly active.

Markets at Other Centers

Chicago, Dec. 24.—A firm market situation appears to be ruling in the fatty acids and related products. Some sellers report that recently advancing prices have not had the effect of stopping buying, and that, on the contrary, the buyers wish to protect their needs against further advances. Still, it appears there is some conservatism in buying circles. Most of them are still giving thought to keeping their inventories low for the immediate present. Inquiry has been fairly good.

FATTY ACIDS.—Corn oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots, 8¼c. to 8½c., barrels, less than car lots; coconut oil, acidulated, 7c. to 7¼c. per pound, tankcar, partly nominal; 7½c. to 7¾c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅝c. to 4c.; 65 percent basis, 4¾c. to 5c.; cottonseed foots, 50 percent basis, 2¾c. to 2⅞c.

STEARIC ACID.—Single press, distilled, 11c. to 12c. per pound; double press, 11½c. to 12½c.; triple press, 14¼c. to 15¼c.

RED OILS.—Distilled or saponified, drums, 10½c. to 11½c. per pound; barrels, 10⅝c. to 11⅝c.

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BUILDING, one story, brick, sprinklered, concrete floor, railroad siding, live steam available 24 hours per day. Unrestricted district Brooklyn. Low rent. The R. L. Kraft Company, Woolworth Building. COrt 7-9377.

Equipment Offered

FROM THE $10,000,000 Spreckels liquidation—Five No. 4 Vallez rotary filters; 1 Shriver filter press, 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 2,000 tons pipe valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 789, Oil, Paint and Drug Reporter.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers, Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

Equipment Wanted

WANTED.—Two filter presses; grinding machinery; dryer; and 3 Anderson oil expellers. BOX 831, Oil, Paint and Drug Reporter.

WANTED.—Premier, U. S., or other colloid type mill of large capacity. BOX 837, Oil, Paint and Drug Reporter.

Manufacturers Wanted

ACTIVATED CARBON.—Connection wanted with reliable firm to take over manufacturing rights on entirely new patentable method. No flame or glowing process, no retorts used. BOX 833, Oil, Paint and Drug Reporter.

Manufacturing Wanted

RESPONSIBLE FIRM near Philadelphia will manufacture at low cost grinding liquids and varnishes per customer's specifications; we also sell standard grinding vehicles of all types very economically; our low overhead and excellent facilities enable you to secure from us uniform quality products at a saving. Write us of your needs. BOX 808, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 788, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMEN WANTED.—Profitable connection for an experienced salesman now calling on manufacturers and consumers of chemicals and allied raw materials in the various industries. This side-line will positively not interfere with your regular selling. BOX 820, Oil, Paint and Drug Reporter.

WANTED.—Experienced tablet maker and coater to take charge of department. Pharmacist preferred. State age, experience, when available and salary desired. BOX 825, Oil, Paint and Drug Reporter.

GRADUATE CHEMIST, about 30 years old, with at least 3 years experience in the formulation and practical application of resistant coatings and synthetic resins. Give full details of previous employment, also salary expected. BOX 830, Oil, Paint and Drug Reporter.

MALE CHEMIST wanted with practical experience in manufacturing of organic compounds such as benzaldehyde, benzoic acid, and similar products. State age, education and experience. Box 832, Oil, Paint and Drug Reporter.

Positions Wanted

RESEARCH DIRECTOR.—Chemist, Ph.D., European experience, desires change of location. For past six years in charge of research and development laboratory producing special lacquers and coating compositions. BOX 814, Oil, Paint and Drug Reporter.

ENTOMOLOGIST and soilsman, recent graduate of eastern agricultural college. Extermination, biological testing with aphids and red spider, nine years truck farming experience, and fly spray knowledge. Three years of college chemistry. Sales preferred. Milton Zinberg, 75 E. 42d street, Brooklyn, N. Y.

CONSULTING CHEMIST, twenty years' experience, will develop formulas and processes; cost of plant operations reduced. Problems solved; new ideas commercially applied. Research, preparation of patents. Reasonable fees. BOX 829, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER with laboratory experience in dyes, drugs and explosives. BOX 834, Oil, Paint and Drug Reporter.

CHEMICAL PLANT manager, who has made nitrocellulose, also waterproofing in all its details. BOX 835, Oil, Paint and Drug Reporter.

GRADUATE CHEMICAL engineer having experience making pharmaceuticals. BOX 836, Oil, Paint and Drug Reporter.

Surplus Stocks

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, including 4—50 gal. porcelain lined, 3—200 gal. silex lined, with roller bearings, and 1—500 gal. silex lined.
5—Colton Stokes & Mulford Tablet Machines, ⅛" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
3—28" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

Waxes

Bees.—Brazilian and Chilean waxes were higher at 28c. to 29½c. per pound, according to quantity, and such quotations were largely nominal. Little has been offered from the primary markets and reports indicate that shippers look for higher quotations to develop. African wax was also noted for strength. White bleached wax was higher at 38c. to 40c. per pound, reflecting the situation in crude material. A little yellow refined was still available at 29½c. per pound, but a higher market was in the making as stocks offered at competitive prices were decreasing.

Candelilla. — Shipment prices were higher and would warrant a rise in spot quotations. However, local quotations were 15c. to 16c. per pound, as to quantity, though 15½c. was said to be justified by present replacement cost.

Carnauba.—Heavy buying was the rule last week. Practically everything offered from Brazil was bought quickly. Unfortunately for local importers, not a great deal was offered and conditions suggested that values would continue to rise. All spot quotations were substantially firmer and the tendency was upward. No. 1 yellow was higher at 45c. to 46c. per pound in ton lots; 5 bag lots, 45½c. to 46½c.; 1 bag lots, 46c. to 47½c.; No. 2 yellow, 44c. to 45½c. Quotations on the No. 3 grades were not changed, but it was increasingly difficult to get deliveries at minimum figures and the tendency was to advance values about ½c.

Japan.—The market was strong—the first time that such a condition could be honestly said to prevail in local circles for an exceedingly long period of time. Quotations were higher at 9¾c. to 10½c. per pound and some quarters turned business down when offered at less than 10c. Replacements were hard to obtain.

Certain-Teed Products Elects W. C. Baumhogger President

Walter C. Baumhogger, formerly vice-president of Montgomery Ward & Co., has been elected president and director of Certain-Teed Products Corporation, succeeding Chester E. Rahr, resigned. Other resignations accepted by the corporation include those of George M. Brown, chairman, whose post was not filled; C. O. Brown, vice-president and director; D. F. Brown, vice-president and director; Robert M. Nelson, vice-president and treasurer, and William E. Horn, assistant secretary and treasurer.

James K. Norris, formerly with Sanderson & Porter and William B. Nichols & Co., was elected treasurer and director, and Audenreid Whittemore, vice-president. Benjamin B. Watson continues as secretary and assistant treasurer. Edwin G. Roos has been promoted from the position of Eastern sales manager to that of general sales manager. New salesmen are to be added to the force immediately under his direction.

Gans Chemical & Supply Co., jobber and dealer in chemicals and laundry supplies, has filed notice of the dissolution of the corporation, as of Dec. 31, 1936, after which the business will be continued in the same name under personal ownership.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Autoline Oil Co.	**Com.**	..	**20c.**	**Dec. 28**	Dec. 24
Autoline Oil Co.	Pfd.	Q.	20c.	Jan. 2	Dec. 24
Badger Paint & Hardware Stores Co.	Com.	Q.	50c.	Jan. 2	Dec. 24
Bralorne Mines Co.	Com.	Q.	10c.	Jan. 15	Dec. 31
Bralorne Mines Co.	Com.	Ext.	5c.	Jan. 15	Dec. 31
British American Oil Co.	Reg.	Q.	20c.	Jan. 2	Dec. 15
British American Oil Co.	Reg.	Ext.	20c.	Jan. 2	Dec. 15
Butte Copper & Zinc Co.	Com.	..	5c.	Dec. 28	Dec. 22
California Ink Co.	Com.	Q.	50c.	Jan. 2	Dec. 21
Carnation Co.	Com.	S.	50c.	Jan. 2	Dec. 19
Carnation Co.	Com.	Ext.	50c.	Dec. 22	Dec. 19
Carnation Co.	Pfd.	Q.	$1.25	Jan. 2	Dec. 22
Climax Molybdenum Co.	.....	Spl.	20c.	Dec. 24	Dec. 17
Consolidated Oil Corp.	Com.	..	20c.	Feb. 15	Jan. 15
Cunningham Drug Stores Co.	Pfd.	S.	$3.00	Jan. 2	Dec. 19
Dome Mines Co.	.....	Q.	50c.	Jan. 20	Dec. 31
Dow Drug Co.	Pfd.	Q.	$1.75	Jan. 2	Dec. 21
Fuller Brush Co.	Pfd.	Q.	$1.75	Jan. 2	Dec. 24
Fyr-Fyter Co.	Cl. A	..	5c.	Dec. 24	Dec. 22
General Paint Corp.	Pfd.	..	67c.	Jan. 1	Dec. 19
General Refractories Co.	Com.	..	50c.	Dec. 29	Dec. 24
Gulf Oil Corp.	.....	SD.	100%	Dec. 21	Dec. 10
Hickok Oil Corp.	Cl. A	Ext.	50c.	Jan. 2	Dec. 24
Hickok Oil Corp.	Pfd.	Q.	$1.75	Jan. 2	Dec. 24
Homestake Mining Co.	Com.	M.	$1.00	Dec. 24	Dec. 19
Homestake Mining Co.	Com.	Ext.	$2.00	Dec. 24	Dec. 19
Layton Oil Co.	Pfd.	M.	70c.	Jan. 1	Dec. 15
McAndrews & Forbes Co.	Com.	Q.	50c.	Jan. 15	Dec. 31
McAndrews & Forbes Co.	Com.	Ext.	50c.	Jan. 15	Dec. 31
McAndrews & Forbes Co.	Pfd.	Q.	$1.50	Jan. 15	Dec. 31
McColl-Frontenac Oil Co.	Pfd.	Q.	$1.50	Jan. 15	Dec. 31
Margay Oil Corp.	Com.	..	25c.	Jan. 9	Dec. 19
Mascot Oil Co.	Com.	Q.	1c.	Dec. 25	Dec. 15
Mascot Oil Co.	Com.	Ext.	1c.	Dec. 25	Dec. 15
Minneapolis, Honeywell Regulator Co.	Pfd.	Q.	$1.50	Jan. 2	Dec. 21
Navarro Oil Co.	Com.	Q.	20c.	Jan. 2	Dec. 23
Navarro Oil Co.	Com.	Ext.	10c.	Jan. 2	Dec. 23
North Star Oil Co.	Pfd.	..	17½c.	Jan. 12	Dec. 19
Norwich Pharmacal Co.	Com.	..	50c.	Dec. 24	Dec. 18
Noxzema Chemical Co.	Com.	S.	30c.	Dec. 19	Dec. 12
Parke, Davis & Co.	.....	..	60c.	Jan. 2	Dec. 22
Parker Rustproof Co.	Com.	Q.	37½c.	Mar. 1	Feb. 10
Patino Mines & Enterprises	Com.	..	60c.	Dec. 24	Dec. 19
Philadelphia Co.	Com.	..	25c.	Jan. 25	Dec. 31
Rath Packing Co.	Com.	..	50c.	Jan. 2	Dec. 19
Reynolds Metals Co.	Pfd.	Q.	$1.37½	Jan. 2	Dec. 21
Root Petroleum Co.	Pfd.	Q.	30c.	Jan. 1	Dec. 19
Simms Petroleum Co.	Ld.	..	50c.	Jan. 9	Dec. 31
Skelly Oil Co.	Pfd.	..	$25.50	Dec. 21	Dec. 1
Standard Oil Co. (Kans.)	Com.	..	$1.00	Dec. 26	Dec. 22
Standard Oil Co. (Ohio)	Pfd.	Q.	$1.25	Jan. 15	Dec. 31
Stearns (Frederick) & Co.	Com.	Q.	25c.	Dec. 26	Dec. 22
Stearns (Frederick) & Co.	Com.	Ext.	50c.	Dec. 26	Dec. 22
Stearns (Frederick) & Co.	Pfd.	Q.	$1.25	Dec. 26	Dec. 22
United States Foil Co.	Com.	Q.	25c.	Dec. 24	Dec. 21
United States Foil Co.	B com.	Q.	25c.	Dec. 24	Dec. 21
United States Foil Co.	Pfd.	Q.	$1.75	Dec. 24	Dec. 21
Will & Baumer Candle Co.	Pfd.	Q.	$2.00	Jan. 2	Dec. 21

Corporation Earnings Recently Reported

		1936		1935	
	Period.	Net income.	Per share.	Net income.	Per share.
Cudahy Packing Co.	Yr. 10-31	$1,815,613	$2.65	$1,211,073	$1.35
International Paints (Can.)	1936	42,000	...	29,484	...
Parke, Davis & Co.	9 mos.	6,654,181	1.36	6,405,480	1.31
Rath Packing Co.	Yr. 10-31	961,511	3.86	82,708	3.06
Smith Agricultural Chemical Co.	1936	211,477	4.20	210,692	4.18
Swift & Co.	Yr. 10-31	12,103,750	2.05	17,651,452	2.99
U. S. Smelting, Refining & Mining Co.	1936	5,243,365	7.07	6,649,898	9.73
Wesson Oil & Snowdrift Co.	3 mos.	1,321,701	1.75	911,633	1.05

* Pounds.

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